

Lampiran 1 Transkrip Wawancara

Narasumber : Fitriyani, S.Pd.I
Jabatan : Kepala MTs Ma'arif NU Assalam Kemranjen
Tempat : Kantor MTs Ma'arif NU Assalam Kedungpring
Hari/Tanggal : Senin, 06 Juni 2022

Kegiatan wawancara ini menjadi salah satu proses pengumpulan data yang dibutuhkan oleh peneliti dalam perumusan masalah dan latar belakang pada penelitian yang berjudul ***PENGEMBANAGAN APLIKASI SISTEM ABSENSI MENGGUNAKAN QR CODE BERBASIS WEB MENGGUNAKAN METODE PROTOTYPE***. Kegiatan ini dilakukan dengan mengajukan beberapa pertanyaan kepada narasumber sebagai berikut:

Peneliti : Apakah diperkenankan jika saya melakukan penelitian terkait tugas akhir saya di madrasah ini ?

Narasumber : Iya, Silahkan. Rencana akan membuat apa untuk tugas akhirnya?

Peneliti : Sistem absensi bu, Dengan menggunakan Qr Code

Narasumber : oh itu sangat bagus untuk memudahkan proses absensi dan pelaporannya.

Peneliti : Bagaimana proses absen di MTs Ma'arif NU Assalam Kemranjen ?

Narasumber : Proses absen dengan manual, dengan cara guru setiap masuk kelas memanggil satu per satu siswa.

Peneliti : Berapakah jumlah guru dan siswa di MTs Ma'arif NU Assalam Kemranjen?

Narasumber : Guru ada 12 orang dan siswa ada 95 siswa

Peneliti : Siapakah yang melaksanakan / bertanggung jawab dalam melakukan absen siswa ?

Narasumber : Yang melaksanakan absen setiap guru mapel masuk kelas dan kemudian guru mapel melaporkan kepada wali kelas

Peneliti : Kepada siapa nanti saya bisa meminta data data terkait absen siswa ?

Narasumber : Ke wali kelas 9

Narasumber : Sayekti Pancawati, S.Si.

Jabatan : Wali Kelas 9

Tempat : Kantor MTs Ma'arif NU Assalam Kedungpring

Hari/Tanggal : Senin, 06 Juni 2022

Peneliti : Apa saja kendala terkait dengan sistem absensi secara manual ?

Narasumber : Memakan waktu sekitar 10 sampai dengan 15 menit dalam setiap absen masuk kelas jadi waktu untuk pembelajaran akan terpotong untuk kegiatan absen dan belum kalo buku absen rusak atau hilang maka data absen akan hilang dan merugikan siswa karena data absen akan masuk ke rapot

Peneliti : Bagaimana prosedur pelaporan rekap absen siswa ?

Narasumber : setiap guru melaporkan absen ke wali kelas untuk di rekap dan di masukan rapot siswa

Peneliti : Berapakah jumlah siswa kelas 9 ?

Narasumber : 28 siswa

Lampiran 2 Dokumentasi Wawancara

1. Wawancara dengan ibu kepala madrasah



2. Wawancara dengan ibu wali kelas 9



Lampiran 3 Gambar buku absen di MTs Ma'arif NU Assalam Kemranjen

kelas : VIII A

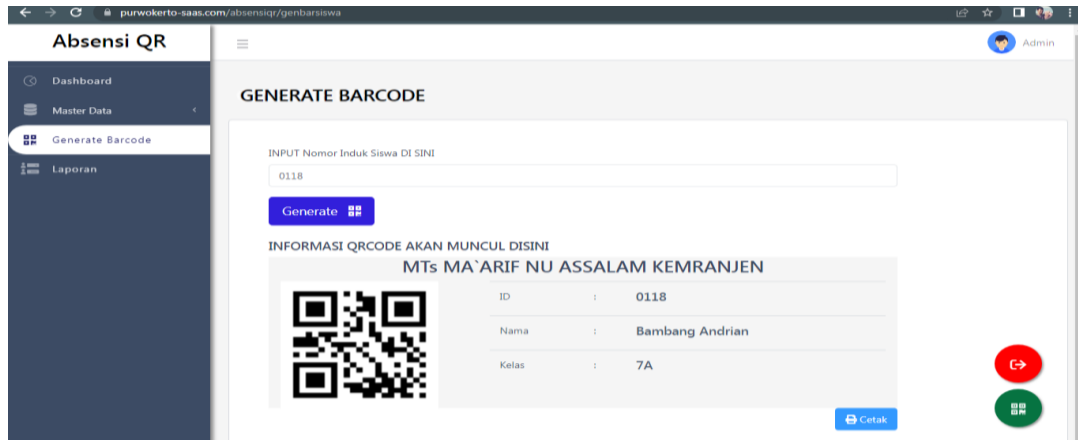
Juli Agustus

No	Nama Siswa	Juli Agustus			
		28	11		
1	Amelia Cahya Pratiwi	.	.		
2	Andika Widodo ✓	.	.		
3	Athien Maulidia Al Maghfirah	.	.		
4	Cahyani Farida	S	.		
5	Daffa Tegar Nugroho	.	.		
6	Della Wiwit Fajrianto ✓	.	.		
7	Elsa Fernanda	.	.		
8	Faqih Al Baihaki ✓	.	.		
9	Haziq Aufa Muchamad ✓	S	.		
10	Ika Yuliyanti	.	.		
11	Iksan Kamil Sulaiman ✓	.	.		
12	Irzal Wahib Annawawi	.	.		
13	Lutfi Okta Prasetyo ✓	.	.		
14	M. Mughni Malik Sobarna ✓	.	.		
15	Muhammad Alfin Hidayat ✓	.	.		
16	Pasya Septiana Dani ✓	.	.		
17	Toro Faithful ✓	.	.		
18	Vilda Rahma Wulandari	.	.		
19	Zidan Rizky Aliansyah ✓	.	.		
20					
21					
22					

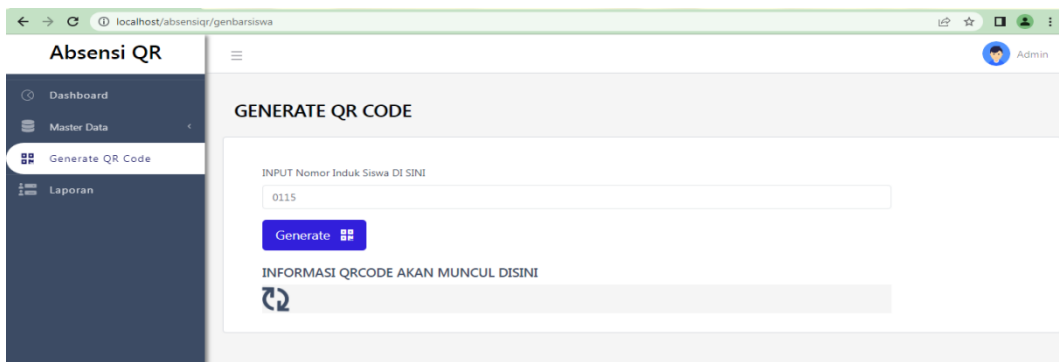
Mengetahu
Kepala M

Lampiran 4 Pengujian Blackbox testing

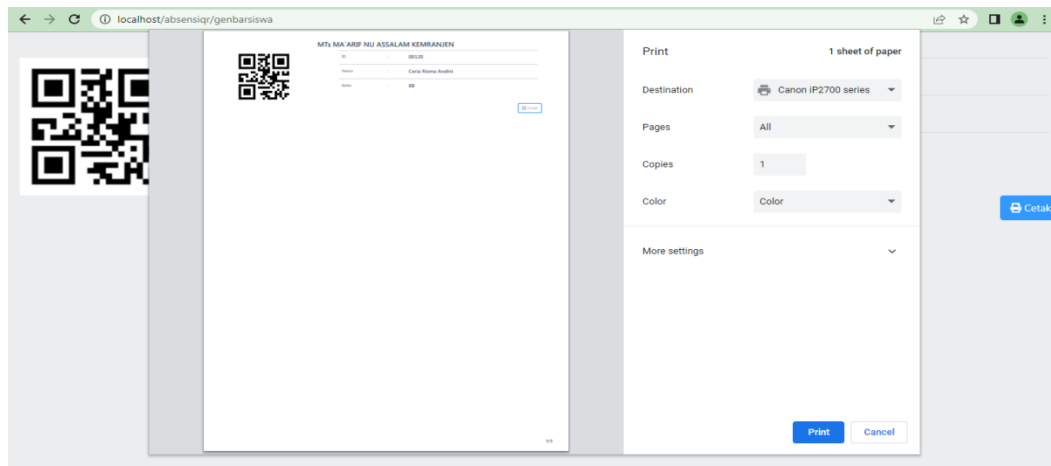
1. Generate qr code memasukan NIS benar



2. Generate qr code masukan NIS salah



3. Cetak Qr Code Siswa



4. Hasil cetak qr code



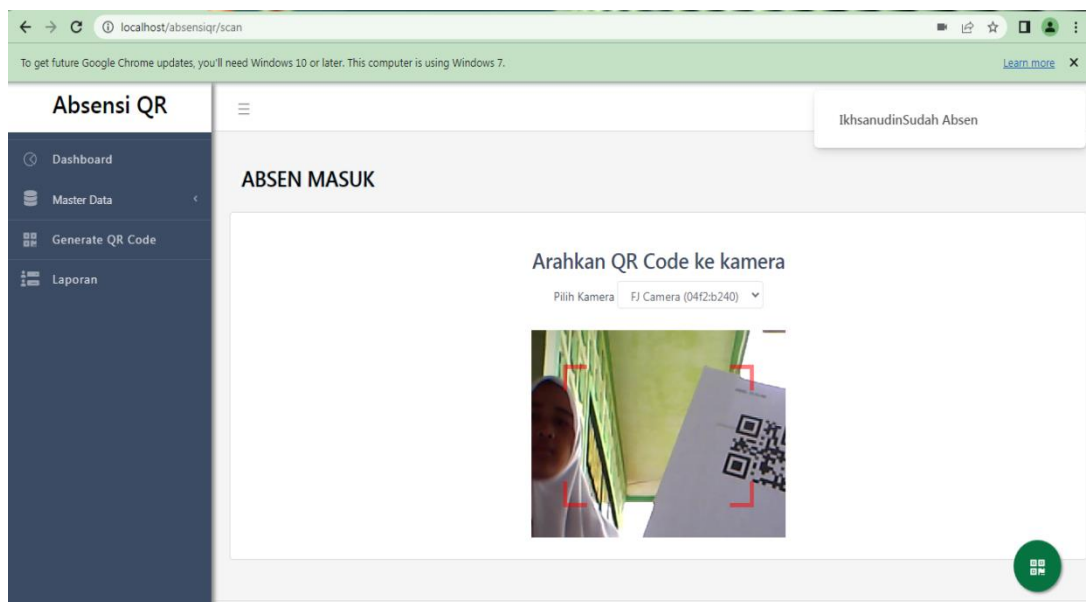
MTs MA`ARIF NU ASSALAM KEMRANJEN

ID : 0090

Nama : M Ali Ridho

Kelas : 9

5. Scan qr code



Lampiran 5 Dokumentasi siswa kelas 9 absen menggunakan aplikasi absensi



Lampiran 6 Laporan absen dengan aplikasi absensi

No	Tanggal	Nama Siswa	Kelas	Nis	Mata Pelajaran	Nama Guru	Jam Masuk	Keterangan
1	2023-02-01	irfan Rifai Aziz	9	0124	Bahasa Indonesia	Sayekti Pancawati, S.Si	21:54:50	Masuk
2	2023-02-01	Ceria Risma Andini	8B	0120	PPKn	Kurniasih, S.Pd	21:49:26	Masuk
3	2023-02-01	Cahyani Farida	8B	0119	PPKn	Kurniasih, S.Pd	21:49:07	Masuk
4	2023-02-01	Faqih Al Baihaki	7B	0122	Aqidah Akhlak	Ulfatun Riyana, S.Pd.I	21:45:54	Masuk
5	2023-02-01	Amelia Cahya Pratiwi	7A	0116	Al-Quran Hadits	Ahmad Falihin, S.Sy	21:45:15	Masuk
6	2023-02-01	Bambang Andrian	7A	0118	Al-Quran Hadits	Ahmad Falihin, S.Sy	21:45:01	Masuk
7	2023-02-01	Andika Widodo	7A	0117	Al-Quran Hadits	Ahmad Falihin, S.Sy	21:44:47	Masuk

Lampiran 7 Source Code

1. Index

```
<!DOCTYPE html>
<html lang="en">
<head>
  <base href="."/>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-
Compatible" content="IE=edge">
  <meta name="viewport"
content="width=device-width, initial-
scale=1.0, shrink-to-fit=no">
  <meta name="description"
content="CoreUI - Open Source Bootstrap
Admin Template">
  <meta name="author"
content="Łukasz Holeczek">
  <meta name="keyword"
content="Bootstrap,Admin,Template,Open,S
ource,jQuery,CSS,HTML,RWD,Dashboard"
>
  <title>Login Absensi QR-
CODE</title>
  <!-- Main styles for this application--
>
  <link href="<?=@
base_url('assets/css/style.css');
?>"
rel="stylesheet">
  <link href="<?=@
base_url('assets/css/login2.css');
?>"
rel="stylesheet">
  <link rel="stylesheet" href="<?=@
base_url('assets/vendors/font-
awesome/css/font-awesome.min.css');
?>">
  <style type="text/css">
    .loader {
      display: block;
      top: 50%;
      left: 50%;
      position: absolute;
      transform: translate(-
50%, -50%);
    }
    .loading {
      border: 2px solid
#ccc;width: 60px;height: 60px;border-radius:
50%;
```

```
border-top-color: #1ecd97;
border-left-color: #1ecd97;
animation: spin 1s infinite ease-in;
  }
  @keyframes spin {0% {
transform: rotate(0deg); }
100% {
transform: rotate(360deg);
} }
</style>
</head>
<body class="c-app flex-row align-items-
center" style="background: #35A65A;">
  <div class="loader">
    <div class="loading">
    </div>
  </div>
  <div class="container">
    <div class="row justify-
content-center">
      <div class="col-md-
10">
        <div
class="card-group">
          <div
class="card p-1 d-md-down-none"
style="background: #FFFFFF;">
            <div class="card-body"
style="background: #0000;">
              <h1 class="text-black mt-
2">ABSENSI QR-CODE</h1>
              <div class="container"
                
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
  <div class="card text-black py-5 rounded"
style="width:100%">
```

```

        <div class="card-body text-center">
            <?php if ($this->session->flashdata('fail')) : ?>
                <div class="col-md-12">
                    <?=  

                    >flashdata('fail'); ?>
                </div>
            <?php endif; ?>
            <?php if ($this->session->flashdata('success')) : ?>
                <div class="col-md-12">
                    <?=  

                    >flashdata('success'); ?>
                </div>
            <?php endif; ?>
            
            <h2>Login to Your Account</h2>
            <p class="text-muted">MTs  

            MA`ARIF NU ASSALAM  

            KEMRANJEN</p>

            <form method="POST"  

            action="<?=  

            ?>"><div class="input-group mb-3">
                <!-- <div  

            class="input-group-prepend"><span  

            class="input-group-text"></span></div> -->
                <input  

            class="form-control rounded" type="text"  

            name="username" placeholder="Username">
            <div class="input-group mb-4"><input  

            class="form-control" type="password"  

            id="pass" name="password"  

            placeholder="Password"><div class="input-  

            group-prepend">
            <span class="input-group-text"><div  

            class="group2">
                <i id="icon" class="fa fa-eye-  

            slash"></i>
            </div></span></div></div><div  

            class="row"><div class="col-12"><button  

            class="btn btn-primary" onclick="spinner()"

```

```

width="100%"
type="submit">Login</button>

        <!-- CoreUI and necessary  

        plugins-->
        <script src="<?=  

        base_url('assets/vendors/@coreui/coreui-  

        pro/js/coreui.bundle.min.js'); ?>"></script>
        <!--[if IE]><!-->
        <script src="<?=  

        base_url('assets/vendors/@coreui/icons/js/svg  

        xuse.min.js'); ?>"></script>
        <!--<![endif]-->
        <script>
            var inputPass2 =  

            document.getElementById('pass'),  

            icon =  

            document.getElementById('icon');  

            icon.onclick =  

            function() { if  

            (inputPass2.getAttribute('type', 'password')) {  

                inputPass2.setAttribute('type', 'text');  

                icon.className = 'fa fa-eye';  

                //  

            inputPass2.className = "";  

            } else if  

            (inputPass2.getAttribute('type', 'text')) {  

                inputPass2.setAttribute('type',  

            'password');  

                icon.className = 'fa fa-eye-slash';  

                //  

            inputPass2.className = 'active';  

            }  

            }  

        </script>

        <script  

        type="text/javascript">
            function spinner() {

```

```

        document.getElementsByName
        ("loader")[0].style.display = "block";
    }
    </script>
</body>
</html>

```

2. Login

```

<?php
date_default_timezone_set('Asia/Jakarta'
);
class Login extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
    }
    public function index()
    {
        if ($this->session-
>userdata('is_login') == true)
        {
            redirect('dashboard');
        } else {
            $this->load-
>view('login/index');
        }
    }
    public function processlogin()
    {
        $username = $this->input-
>post('username');
        $password = $this->input-
>post('password');
        $response_arr = $this->db-
>query("SELECT * FROM users
WHERE username='$username' AND
password = '$password'")->result();
        echo
        json_encode($response_arr);
        if (count($response_arr) > 0)
        {
            $data = [
                'username'
=> $response_arr[0]->username,
                'role'
=> "admin",

```

```

                'id' =>
                $response_arr[0]->id,
                'nama_lengkap' => $response_arr[0]-
>first_name,
                'nama_perusahaan' => $response_arr-
>data->nama_perusahaan,
                'location'
=> $response_arr[0]->company,
                'is_login'
=> true,
            ];
            $this->session-
>set_userdata($data);
            redirect('dashboard');
        } else {
            $this->session-
>set_flashdata('fail', '<div class="alert
alert-danger" role="alert">Username
atau password salah !</div>');
            redirect('login');
        }
    }
    public function logout()
    {
        // $data = ['username', 'role',
'id', 'nama_lengkap', 'nama_perusahaan',
'location', 'is_login'];
        $this->session-
>sess_destroy();
        $this->session-
>set_flashdata('success', '<div
class="alert alert-success alert-
dismissible">
        <button type="button"
class="close" data-
dismiss="alert"><span>&times;</span>
</button>
        The account successfully
logged out !!!</div>');
        redirect('login');
    }
}

```

3. Dashboard

```

<?php
date_default_timezone_set('Asia/Jakarta'
);

class Dashboard extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load-
>model("M_jumlah", 'm_jumlah');
        $this->load-
>model("M_master", 'm_master');
    }

    public function index()
    {
        $session = $this->session-
>userdata('is_login');
        if ($session == True) {
            $tanggal = date('Y-
m-d');
            $data['judul'] =
"Dashboard";
            $data['jmlsiswa'] =
$this->db->query('SELECT * FROM
tblm_siswa')->num_rows();
            $data['jmlguru'] =
$this->db->query('SELECT * FROM
karyawan')->num_rows();
            $data['jmlguruhadir']
= $this->db->query("SELECT * FROM
vw_gurumasuk WHERE
preTanggal='$tanggal')->num_rows();
            $data['jmlhadir'] =
$this->db->query("SELECT * FROM
vw_siswamasuk WHERE
preTanggal='$tanggal')->num_rows();
            $this->load-
>view('dashboard/index', $data);
        } else {
            redirect('login');
        }
    }
}

```

4. Master Data

```

?php
date_default_timezone_set('Asia/Jakarta');

```

```

class Master extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();

        $this->load-
>model("M_master", 'm_master');
    }

    // Guru
    public function guru()
    {
        if ($this->session-
>userdata('is_login') == True) {
            $data['judul'] = "Data
Guru";
            $data['data'] = $this-
>m_master->getall('karyawan',
'id_karyawan');
            $this->load-
>view('master/guru', $data);
        } else {
            redirect('login');
        }
    }

    public function t_guru()
    {
        $data = [
            'id_karyawan' =>
$this->input->post('kode'),
            'nama_karyawan' =>
$this->input->post('nama'),
            'alamat' => $this-
>input->post('alamat'),
        ];
        $save = $this->m_master-
>create('karyawan', $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menambah data"
        ];
    }
}

```

```

        echo
        json_encode(array("status" => TRUE));
    }
    public function edit_guru()
    {
        $data = [
            'id_karyawan' =>
$this->input->post('kode'),
            'nama_karyawan' =>
$this->input->post('nama'),
            'alamat' => $this-
>input->post('alamat'),
        ];
        $idne = array(
            'id' => $this->input-
>post('id'),
        );
        $save = $this->m_master-
>update('karyawan', $idne, $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
mengubah data"
        ];
        echo
        json_encode(array("status" => TRUE, 'data'
=> $data));
    }
    public function delete_guru($id)
    {
        $idne = array(
            'id' => $id,
        );
        $save = $this->m_master-
>delete('karyawan', $idne);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menghapus data"
        ];
        echo
        json_encode(array("status" => TRUE, 'data'
=> $data));
    }
    public function guru_list()
    {
        $where = array("");
        $column_order =
array('id_karyawan', 'nama_karyawan',
'alamat');
        $column_search =
array('id_karyawan', 'nama_karyawan',
'alamat');
        $order = array('id' =>
'DESC');
        $listing = $this->m_master-
>get_datatables('karyawan', $column_order,
$column_search, $order, $where);
        $data = array();
        $no = $_POST["start"];
        foreach ($listing as $key) {
            $no++;
            $row = array();
            $row[] = $no;
            $row[] = $key-
>id_karyawan;
            $row[] = $key-
>nama_karyawan;
            $row[] = $key-
>alamat;
            $row[] = '<div
class="float-right p-2"><a
href="javascript:void(0)" class="btn btn-
warning btn-sm item_edit m-0 p-1 mr-1"
style="color: white;" data-karyawan_id="' .
$key->id . '" data-nama="' . $key-
>nama_karyawan . '" data-kode="' . $key-
>id_karyawan . '" data-alamat="' . $key-
>alamat . '" style="font-size:12px;"><i
class="fa fa-pencil"></i></a><a class="btn
btn-danger btn-sm p-1 m-0" style="color:
white;" href="javascript:void(0)"
title="Destroy" onclick="delete_data(' . "" .
$key->id . "" . ')'" style="font-size:12px;" ><i
class="fa fa-trash"></i></a></div>';
            $data[] = $row;

```

```

                $output = array(
                    "draw" =>
$_POST["draw"],
                    "recordsTotal" =>
$this->m_master->count_all('karyawan',
$where),
                    "recordsFiltered" =>
$this->m_master->count_filtered('karyawan',
$column_order, $column_search, $order,
$where),
                    "data" => $data
                );
                echo json_encode($output);
            } // Siswa
            public function siswa()
            {
                if ($this->session-
>userdata('is_login') == True) {
                    $data['judul'] = "Data
Siswa";
                    $data['data'] = $this-
>m_master->getall('tblm_siswa', 'siswaNis');
                    $this->load-
>view('master/siswa', $data);
                } else {
                    redirect('login');
                }
            }
            public function t_siswa()
            {
                $data = [
                    'siswaNis' => 0 .
$this->input->post('nis'),
                    'siswaNama' =>
$this->input->post('nama'),
                    'siswaTempat' =>
$this->input->post('tempat'),
                    'siswaTanggal' =>
$this->input->post('tanggal'),
                    'siswaTahun' =>
$this->input->post('tahun'),
                    'siswaJenis' => $this-
>input->post('jenis'),
                    'siswaAlamat' =>
$this->input->post('alamat'),
                ];
            }

```

```

                $save = $this->m_master-
>create('tblm_siswa', $data);
                $data = [
                    'success' => true,
                    'data' => $save,
                    'msg' => "Berhasil
menambah data"
                ];
                echo
                json_encode(array("status" => TRUE));
            }
            public function edit_siswa()
            {
                $data = [
                    'siswaNis' => $this-
>input->post('nis'),
                    'siswaNama' =>
$this->input->post('nama'),
                    'siswaTempat' =>
$this->input->post('tempat'),
                    'siswaTanggal' =>
$this->input->post('tanggal'),
                    'siswaTahun' =>
$this->input->post('tahun'),
                    'siswaJenis' => $this-
>input->post('jenis'),
                    'siswaAlamat' =>
$this->input->post('alamat'),
                ];
                $idne = array(
                    'siswaId' => $this-
>input->post('id'),
                );
                $save = $this->m_master-
>update('tblm_siswa', $idne, $data);
                $data = [
                    'success' => true,
                    'data' => $save,
                    'msg' => "Berhasil
mengubah data"
                ];
                echo
                json_encode(array("status" => TRUE, 'data'
=> $data));
            }

```

```

    }
    public function delete_siswa($id)
    {
        $sidne = array(
            'siswaId' => $id,
        );
        $save = $this->m_master-
>delete('tblm_siswa', $sidne);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menghapus data"
        ];

        echo
json_encode(array("status" => TRUE, 'data'
=> $data));
    }
    public function siswa_list()
    {
        $where = array("");
        $column_order =
array('siswaNis', 'siswaNama', 'siswaTempat',
'siswaTanggal', 'siswaAlamat', 'siswaTahun',
'siswaJenis');
        $column_search =
array('siswaNis', 'siswaNama', 'siswaTempat',
'siswaTanggal', 'siswaAlamat', 'siswaTahun',
'siswaJenis');
        $order = array('siswaId' =>
'DESC');
        $listing = $this->m_master-
>get_datatables('tblm_siswa', $column_order,
$column_search, $order, $where);
        $data = array();
        $no = $_POST["start"];
        foreach ($listing as $key) {
            $no++;
            $row = array();
            $row[] = $no;
            $row[] = $key-
>siswaNis;
            $row[] = $key-
>siswaNama;

```

```

            $row[] = $key-
>siswaJenis;
            $row[] = $key-
>siswaTempat . ", " . date('d F Y',
strtotime($key->siswaTanggal));
            $row[] = $key-
>siswaAlamat;
            $row[] = $key-
>siswaTahun;
            $row[] = '<div
class="float-right p-2"><a
href="javascript:void(0)" class="btn btn-
warning btn-sm item_edit m-0 p-1 mr-1"
style="color: white;" data-id="' . $key-
>siswaId . '" data-nama="' . $key->siswaNama
. '" data-nis="' . $key->siswaNis . '" data-
jenis="' . $key->siswaJenis . '" data-tempat="'
. $key->siswaTempat . '" data-tanggal="' .
$key->siswaTanggal . '" data-alamat="' . $key-
>siswaAlamat . '" data-tahun="' . $key-
>siswaTahun . '" style="font-size:12px;"><i
class="fa fa-pencil"></i></a><a class="btn
btn-danger btn-sm p-1 m-0" style="color:
white;" href="javascript:void(0)"
title="Destroy" onclick="delete_data(' . "" .
$key->siswaId . '" . "" . ')'" style="font-
size:12px;"><i class="fa fa-
trash"></i></a></div>';
            $data[] = $row;
        }

        $output = array(
            "draw" =>
$_POST["draw"],
            "recordsTotal" =>
$this->m_master->count_all('tblm_siswa',
$where),
            "recordsFiltered" =>
$this->m_master-
>count_filtered('tblm_siswa', $column_order,
$column_search, $order, $where),
            "data" => $data
        );
        echo json_encode($output);
    }
}

```

```

// Mata Pelajaran
public function mapel()
{
    if ($this->session->userdata('is_login') == True) {
        $data['judul'] = "Data
Mata Pelajaran";
        $data['data'] = $this->
m_master->getall('tblm_mapel', 'mapelId');
        $this->load-
>view('master/mapel', $data);
    } else {
        redirect('login');
    }
}
public function t_mapel()
{
    $data = [
        'mapelKode' =>
$this->input->post('kode'),
        'mapelNama' =>
$this->input->post('nama')
    ];
    $save = $this->m_master->
create('tblm_mapel', $data);
    $data = [
        'success' => true,
        'data' => $save,
        'msg' => "Berhasil
menambah data"
    ];
    echo
json_encode(array("status" => TRUE));
}
public function edit_mapel()
{
    $data = [
        'mapelKode' =>
$this->input->post('kode'),
        'mapelNama' =>
$this->input->post('nama')
    ];
    $idne = array(
        'mapelId' => $this->input->post('id'),
    );
    $save = $this->m_master->
update('tblm_mapel', $idne, $data);
    $data = [
        'success' => true,
        'data' => $save,
        'msg' => "Berhasil
mengubah data"
    ];
    echo
json_encode(array("status" => TRUE, 'data'
=> $data));
}
public function delete_mapel($id)
{
    $idne = array(
        'mapelId' => $id,
    );
    $save = $this->m_master->
delete('tblm_mapel', $idne);
    $data = [
        'success' => true,
        'data' => $save,
        'msg' => "Berhasil
menghapus data"
    ];
    echo json_encode(array("status" => TRUE,
'data' => $data));
}
public function mapel_list()
{
    $where = array("");
    $column_order =
array('mapelId', 'mapelNama', 'mapelKode');
    $column_search =
array('mapelId', 'mapelNama', 'mapelKode');
    $order = array('mapelId' =>
'DESC');
    $listing = $this->m_master->
get_datatables('tblm_mapel',
$column_order, $column_search, $order,
$where);
    $data = array();
}
}

```



```

        $no = $_POST["start"];
        foreach ($listing as $key) {
            $no++;
            $row = array();
            $row[] = $no;
            $row[] = $key->
mapelKode;
            $row[] = $key->
mapelNama;
            $row[] = '<div
class="float-right p-2"><a
href="javascript:void(0)" class="btn btn-
warning btn-sm item_edit m-0 p-1 mr-1"
style="color: white;" data-id="" . $key->
mapelId . "" data-nama="" . $key->
mapelNama . "" data-kode="" . $key->
mapelKode . "" style="font-size:12px;"><i
class="fa fa-pencil"></i></a><a class="btn
btn-danger btn-sm p-1 m-0" style="color:
white;" href="javascript:void(0)"
title="Destroy" onclick="delete_data(' . "" .
$key->mapelId . "" . ')'" style="font-
size:12px;" ><i class="fa fa-
trash"></i></a></div>';
            $data[] = $row;
        }
        $output = array(
            "draw" =>
$_POST["draw"],
            "recordsTotal" =>
$this->m_master->count_all('tblm_mapel',
$where),
            "recordsFiltered" =>
$this->m_master->count_filtered('tblm_mapel', $column_order,
$column_search, $where),
            "data" => $data
        );
        echo json_encode($output);
    }

    // Kelas
    public function kelas()
    {
        if ($this->session->
userdata('is_login') == True) {

```

```

            $data['judul'] = "Data
Kelas";
            $data['data'] = $this->
m_master->getall('tblm_mapel', 'mapelId');
            $this->load-
view('master/kelas', $data);
        } else {
            redirect('login');
        }
    }

    public function t_kelas()
    {
        $data = [
            'kelasKode' => $this->
input->post('kode'),
            'kelasNama' => $this->
input->post('nama')
        ];
        $save = $this->m_master->
create('tblm_kelas', $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menambah data"
        ];
        echo
json_encode(array("status" => TRUE));
    }

    public function edit_kelas()
    {
        $data = [
            'kelasKode' => $this->
input->post('kode'),
            'kelasNama' => $this->
input->post('nama')
        ];
        $idne = array(
            'kelasId' => $this->
input->post('id'),
        );
        $save = $this->m_master->
update('tblm_kelas', $idne, $data);
        $data = [
            'success' => true,

```

```

                'data' => $save,
                'msg' => "Berhasil
mengubah data"
            ];echo
            json_encode(array("status" => TRUE, 'data'
=> $data));
        }
        public function delete_kelas($id)
        { $idne = array(
                'kelasId' => $id,
            );
            $save = $this->m_master-
>delete('tblm_kelas', $idne);
            $data = [
                'success' => true,
                'data' => $save,
                'msg' => "Berhasil
menghapus data"
            ];
            echo
            json_encode(array("status" => TRUE, 'data'
=> $data));
        }
        public function kelas_list()
        {
            $where = array("");
            $column_order
            =
            array('kelasId', 'kelasNama', 'kelasKode');
            $column_search
            =
            array('kelasId', 'kelasNama', 'kelasKode');
            $order = array('kelasId' =>
'DESC');
            $listing = $this->m_master-
>get_datatables('tblm_kelas', $column_order,
$column_search, $order, $where);
            $data = array();
            $no = $_POST["start"];
            foreach ($listing as $key) {
                $no++;
                $row = array();
                $row[] = $no;
                $row[] = $key-
>kelasKode;
                $row[] = $key-
>kelasNama;

```

```

                $row[] = '<div
class="float-right p-2"><a href="" . base_url()
. 'master/detailsiswa/' . $key->kelasId . ""
class="btn btn-info btn-sm m-0 p-1 mr-1"
style="color: white;" style="font-
size:12px;">Detail Siswa</a> <a
href="javascript:void(0)" class="btn btn-
warning btn-sm item_edit m-0 p-1 mr-1"
style="color: white;" data-id="" . $key-
>kelasId . "" data-nama="" . $key->kelasNama
. "" data-kode="" . $key->kelasKode . ""
style="font-size:12px;"><i class="fa fa-
pencil"></i></a><a class="btn btn-danger
btn-sm p-1 m-0" style="color: white;"
href="javascript:void(0)" title="Destroy"
onclick="delete_data(' . "" . $key->kelasId .
"" . ')'" style="font-size:12px;" ><i class="fa
fa-trash"></i></a></div>';
            $data[] = $row;
        }
        $output = array(
            "draw" =>
            $_POST["draw"],
            "recordsTotal" =>
            $this->m_master->count_all('tblm_kelas',
$where),
            "recordsFiltered" =>
            $this->m_master-
>count_filtered('tblm_kelas', $column_order,
$column_search, $order, $where),
            "data" => $data
        );
        echo json_encode($output);
    }
    public function kelasjadwal_list()
    {
        $where = array("");
        $column_order
        =
        array('kelasId', 'kelasNama', 'kelasKode');
        $column_search
        =
        array('kelasId', 'kelasNama', 'kelasKode');
        $order = array('kelasNama'
=> 'ASC');
        $listing = $this->m_master-
>get_datatables('tblm_kelas', $column_order,
$column_search, $order, $where);

```

```

        $data = array();
        $no = $_POST["start"];
        foreach ($listing as $key) {
            $no++;
            $row = array();
            $row[] = $no;
            $row[] = $key->kelasKode;
            $row[] = $key->kelasNama;
            $row[] = '<div
class="float-right p-2"><a href="' . base_url()
. 'master/detailjadwal/' . $key->kelasId . '"
class="btn btn-info btn-sm m-0 p-1 mr-1"
style="color: white;" style="font-
size: 12px;"><i class="fas fa-
calendar"></i>Detail Jadwal</a> </div>';
            $data[] = $row;
        } $output = array(
            "draw" =>
$_POST["draw"],
            "recordsTotal" =>
$this->m_master->count_all('tblm_kelas',
$where),
            "recordsFiltered" =>
$this->m_master->count_filtered('tblm_kelas', $column_order,
$column_search, $order, $where),
            "data" => $data
        );
        echo json_encode($output);
    }
    public function detailsiswa($id)
    {
        $data['judul'] = "Data Siswa";
        $data['data'] = $this->
m_master->get_siswa($id);
        $data['siswa_all'] = $this->
m_master->get_siswaall();
        $data['id'] = $id;
        $this->load-
view('master/detailsiswa', $data);
    }
    public function tambahsiswa_act()
    {
        $data = array(

```

```

            'kelasId' => $this->
input->post('kelasId', TRUE),
            'siswaId' => $this->
input->post('siswaId', TRUE),
        );
        $this->m_master->
create('tblt_kelas', $data);
        $this->m_master->
update('tblm_siswa', ['siswaId' => $this->
input->post('siswaId', TRUE)], ['siswaStatus'
=> 1]);

        redirect(site_url('master/detailsiswa/'
. $this->input->post('kelasId', TRUE)));
    }
    public function deletesiswa($id,
$kelasid, $siswaId)
    {
        $idne = array(
            'kelastrId' => $id,
        );
        $this->m_master->
delete('tblt_kelas', $idne);
        $this->m_master->
update('tblm_siswa', ['siswaId' => $siswaId],
['siswaStatus' => 0]);

        redirect(site_url('master/detailsiswa/'
. $kelasid));
    }

    // jadwal
    public function jadwal()
    {
        if ($this->session->
userdata('is_login') == True) {
            $data['judul'] = "Data
Jadwal";
            $data['data'] = $this->
m_master->getall('tblm_mapel', 'mapelId');
            $this->load-
view('master/jadwal', $data);
        } else {
            redirect('login');
        }
    }

```

```

    }
}
public function detailjadwal($id)
{
    $data['judul'] = "Data
Jadwal";
    $data['data'] = $this-
>m_master->get_jadwal($id);
    $data['kelas'] = 'Kelas ' .
$this->m_master->get_kelas($id)[0]-
>kelasNama;
    $data['kelasall'] = $this-
>m_master->get_kelasall();
    $data['mapel'] = $this-
>m_master->get_mapelall();
    $data['guru'] = $this-
>m_master->get_guruall();
    $data['id'] = $id;
    $this->load-
>view('master/detailjadwal', $data);
}
public function tambahjadwal_act()
{
    $data = array(
        'kelasId' => $this-
>input->post('kelasId', TRUE),
        'mapelId' => $this-
>input->post('mapelId', TRUE),
        'guruId' => $this-
>input->post('guruId', TRUE),
        'jadwalMulai' =>
$this->input->post('mulai', TRUE),
        'jadwalAkhir' =>
$this->input->post('akhir', TRUE),
        'jadwalHari' => $this-
>input->post('hari', TRUE),
    );
    $this->m_master-
>create('tblt_jadwal', $data);
    // $this->Kelas_model-
>ubah('tblm_siswa', ['siswaId' => $this-
>input->post('siswaId', TRUE)], ['siswaStatus'
=> 1]);
    // $this->session-
>set_flashdata('messageAlert', $this-
>messageAlert('success', 'Berhasil
menambahkan Jadwal'));

```

```

        redirect(site_url('master/detailjadwal/
' . $this->input->post('kelasId', TRUE)));
    }
    public function deletejadwal($id,
$kelasid)
    {
        $idne = array(
            'jadwalId' => $id,
        );
        $this->m_master-
>delete('tblt_jadwal', $idne);
        // $this->Kelas_model-
>ubah('tblm_siswa', ['siswaId' => $siswaId],
['siswaStatus' => 0]);
        redirect(site_url('master/detailjadwal/
' . $kelasid));
    }

```

5. Generate Qr Code

```

<?php if (!defined('BASEPATH')) exit('No
direct script access allowed');

```

```

class Genbarsiswa extends CI_Controller
{
    function __construct()
    {
        parent::__construct();
        $this->load-
>helper('tanggal_indo');
        // if (!$this->ion_auth-
>logged_in()) {
            // redirect('auth');
        // }
        // $this->load-
>library('form_validation', 'ion_auth');
        // $this->load->helper('url');
        // $this->user = $this-
>ion_auth->user()->row();
    }
    public function index()
    {

```

```

Barcode';
        $data['judul'] = 'Generate
        $this->load-
>view('genbar/siswa', $data);
    }

    public function showw()
    {
        $this->load-
>library('ciqrbarcode');
        $id = $this->input->post('id');
        $this->load-
>model('GenBar_modelsiswa');
        $scar = $this-
>GenBar_modelsiswa->getshow_query($id);
        if ($scar->num_rows() > 0) {
            foreach ($scar-
>result() as $row) {
                $shows =
array(
                    'siswaNis' => $row->siswaNis,
                    'siswaNama' => $row->siswaNama,
                    'siswaJenis' => $row->siswaJenis,
                    'siswaTTL' => $row->siswaTempat .
                    ', ' . tanggal_indo($row->siswaTanggal),
                    'siswaAlamat' => $row-
>siswaAlamat,
                    'siswaTahun' => $row->siswaTahun,
                );
                $this->load-
>view('scan/v_scansiswa', $shows);
            }
        } else {
            $this->load-
>view('v_scan_kosong');
        }
    }
}

```

```

/* End of file welcome.php */
/* Location:
./application/controllers/welcome.php */
6. Scan Qr Code
<?php

```

```

class Scan extends Ci_Controller
{
    function __construct()
    {
        parent::__construct();
        $this->load-
>library('form_validation');
        $this->load-
>model('Scan_model');
        $this->load-
>model('Scan_modelsiswa');

        date_default_timezone_set('Asia/Jaka
rta');
    }

    public function messageAlert($stype,
$title)
    {
        $messageAlert = "
        const Toast =
Swal.mixin({
            toast: true,
            position: 'top-end',
            showConfirmButton: false,
            timer: 5000
        });

        Toast.fire({
            type:
            title:
            ". $stype . ",
            ". $title . "

```

```

        });
        ";
        return $messageAlert;
    }

    function index()
    {
        $data['judul'] = "Arahkan QR
Code ke kamera";
        $this->load-
>view('absen/index', $data);
    }

    function cek_id()
    {
        $result_code = $this->input-
>post('id_karyawan');
        // $result_code = 'K';
        $tgl = date('Y-m-d');
        $a =
str_split($result_code)[0];
        $jam = date('h:i:s');
        // $jam = "07:45:00";

        $jamskr = date('H:i:s');
        if ($jam <= '15:20:00') {

            if ($a == '0') {
                //pengecekan
                absen untuk siswa
                $cek_id =
                $this->Scan_modelsiswa-
>jadwal($result_code, $jam);
                $data =
                $cek_id->result();
                if ($cek_id->num_rows() > 0) {
                    //cek
                    presensi yang ada

                    $wheresiswa = [
                        'preSiswaNis' => $data[0]->siswaNis,
                        'preTanggal' => $tgl,
                    ];

                    $cekpre = $this->Scan_modelsiswa-
>cekpresensi($wheresiswa);

                    if
                    ($cekpre->num_rows() > 0) {
                        $url = base_url() . 'scan';

                        $this->session-
>set_flashdata('messageAlert', $this-
>messageAlert('error', $data[0]->siswaNama .
'Sudah Absen'));

                        header("refresh:1;url=$url");
                    }
                } else {
                    $datasimpansiswa = [
                        'preSiswaNis' => $data[0]-
>siswaNis,
                        'preTanggal' => $tgl,
                        'preMasuk' => $jam,
                        'preKeluar' => $jamskr,
                        'preIdKelas' => $data[0]-
>kelasId,
                        'preIdGuru' => $data[0]-
>guruId,
                        'preIdMapel' => $data[0]-
>mapelId,
                    ];
                }
            }
        }
    }
}

```

```

                                //cek
                                presensi yang ada
                                $whereguru = [
                                'preIdGuru' => $data[0]->guruId,
                                'preTanggal' => $tgl,
                                'preIdKelas' => $data[0]->kelasId,
                                'preIdMapel' => $data[0]->mapelId,
                                'preIdJadwal' => $data[0]->jadwalId,
                                ];
                                $cekpre = $this->Scan_model-
                                >cekpresensi($whereguru);
                                if
                                ($cekpre->num_rows() > 0) {
                                $url = base_url() . 'scan';
                                $this->session-
                                >set_flashdata('messageAlert', $this-
                                >messageAlert('success', $data[0]-
                                >siswaNama . ' Berhasil Absen'));
                                header("refresh:1;url=$url");
                                }
                                } else {
                                $url
                                = base_url() . 'scan';
                                $this->session-
                                >set_flashdata('messageAlert', $this-
                                >messageAlert('error', 'Tidak bisa absen'));
                                header("refresh:1;url=$url");
                                }
                                else {
                                $datasimpanguru = [
                                'preTanggal' => $tgl,
                                'preMasuk' => $jam,
                                'preKeluar' => $jamskr,
                                'preIdKelas' => $data[0]->kelasId,
                                'preIdGuru' => $data[0]->guruId,
                                'preIdMapel' => $data[0]->mapelId,
                                'preIdJadwal' => $data[0]->jadwalId,
                                'preKeterangan' => 'Masuk'
                                ];
                                $this->Scan_model-
                                >simpanpresensi($datasimpanguru);
                                $url = base_url() . 'scan';
                                'preIdJadwal' => $data[0]-
                                >jadwalId,
                                'preIdSiswa' => $data[0]-
                                >siswaId,
                                'preKeterangan' => 'Masuk',
                                ];
                                $this->Scan_modelsiswa-
                                >simpanpresensi($datasimpansiswa);
                                $url = base_url() . 'scan';
                                $this->session-
                                >set_flashdata('messageAlert', $this-
                                >messageAlert('success', $data[0]-
                                >siswaNama . ' Berhasil Absen'));
                                header("refresh:1;url=$url");
                                }
                                } else {
                                $url
                                = base_url() . 'scan';
                                $this->session-
                                >set_flashdata('messageAlert', $this-
                                >messageAlert('error', 'Tidak bisa absen'));
                                header("refresh:1;url=$url");
                                }
                                } else {
                                //pengecekan
                                absen untuk guru
                                $cek_guru =
                                $this->Scan_model->jadwal($result_code,
                                $jam);
                                $data =
                                $cek_guru->result();
                                if
                                ($cek_guru->num_rows() > 0) {

```

```

        $this->session-
>set_flashdata('messageAlert',          $this-
>messageAlert('success', ' Berhasil Absen'));
        header("refresh:1;url=$url");    }
        } else {
$url = base_url() . 'scan';
$this->session->set_flashdata('messageAlert',
$this->messageAlert('error', 'QR CODE Tidak
dikenali'));

        header("refresh:1;url=$url");
        }
        } else {
        $url = base_url() .
'scan';
        $this->session-
>set_flashdata('messageAlert',          $this-
>messageAlert('error', 'Absen diluar jam
produktif'));
header("refresh:1;url=$url");
        }
        }
        function cek()
        {
                $result_code = $this->input-
>post('id_karyawan');
                // $result_code = 'K';
                $tgl = date('Y-m-d');
                $a =
str_split($result_code)[0];
                $jam = date('h:i:s');
                // $jam = "07:45:00";
                $jamskr = date('H:i:s');
                if ($jam <= '15:20:00') {
                if ($a == '0') {
                //pengecekan absen untuk siswa
                $cek_id =
$this->Scan_modelsiswa-
>jadwal($result_code, $jam);
                $data = $cek_id->result();if ($cek_id-
>num_rows() > 0) { //cek presensi yang ada
                $wheresiswa = [
                'preSiswaNis' => $data[0]->siswaNis,
                'preTanggal' => $tgl,
                'preIdKelas' => $data[0]->kelasId,

```

```

                'preIdMapel' => $data[0]->mapelId,
                'preIdJadwal' => $data[0]->jadwalId,
                ];
                $cekpre = $this->Scan_modelsiswa-
>cekpresensi($wheresiswa);
                if
($cekpre->num_rows() > 0) {
                $url = base_url() . 'scan'          $this-
>session->set_flashdata('messageAlert', $this-
>messageAlert('error', $data[0]->siswaNama .
'Sudah Absen'));
                header("refresh:1;url=$url");
                }
                else {
                $datasimpansiswa = [
                'preSiswaNis' => $data[0]-
>siswaNis,
                'preTanggal' => $tgl,
                'preMasuk' => $jam,
                'preKeluar' => $jamskr,
                'preIdKelas' => $data[0]-
>kelasId,
                'preIdGuru' => $data[0]->guruId,'preIdMapel'
=> $data[0]->mapelId,
                'preIdJadwal' => $data[0]->jadwalId,
                'preIdSiswa' => $data[0]->siswaId,
                'preKeterangan' => 'Masuk',
                ];
                $this->Scan_modelsiswa-
>simpanpresensi($datasimpansiswa);
                $url = base_url() . 'scan';
                $this->session-
>set_flashdata('messageAlert',          $this-
>messageAlert('success',          $data[0]-
>siswaNama . ' Berhasil Absen'));
                header("refresh:1;url=$url");
                }

```



```

    } else {
        $url = base_url() . 'scan';
        $this->session-
>set_flashdata('messageAlert', $this-
>messageAlert('error', 'Tidak bisa absen'));

        header("refresh:1;url=$url");
    }
    } else {
        //pengecekan
absen untuk guru
        $cek_guru =
$this->Scan_model->jadwal($result_code,
$jam);
        $data =
$cek_guru->result();

        if
($cek_guru->num_rows() > 0) {
            //cek
presensi yang ada
            $whereguru = [
                'preIdGuru' => $data[0]->guruId,

                'preTanggal' => $tgl,
                'preIdKelas' =>
$data[0]->kelasId,
                'preIdMapel' => $data[0]-
>mapelId,
                'preIdJadwal' => $data[0]->jadwalId,
            ];
            $cekpre = $this-
>Scan_model->cekpresensi($whereguru);

            if
($cekpre->num_rows() > 0) {

                $url = base_url() . 'scan';

                $this->session-
>set_flashdata('messageAlert', $this-
>messageAlert('error', ' Sudah Absen'));

                header("refresh:1;url=$url");
            }
        }
    }
else {

```

```

        $datasimpanguru = [
            'preTanggal' => $tgl,
            'preMasuk' => $jam
            'preKeluar' => $jamskr,
            'preIdKelas' => $data[0]->kelasId,
            'preIdGuru' => $data[0]->guruId,

            'preIdMapel' => $data[0]-
>mapelId,

            'preIdJadwal' => $data[0]-
>jadwalId,

            'preKeterangan' => 'Masuk'
        ];

        $this->Scan_model-
>simpanpresensi($datasimpanguru);
        $url = base_url() .
'scan';
        $this-
>set_flashdata('messageAlert', $this-
>messageAlert('success', ' Berhasil Absen'));

        header("refresh:1;url=$url");
    }
    } else {
        $url
= base_url() . 'scan';

        $this->session-
>set_flashdata('messageAlert', $this-
>messageAlert('error', 'QR CODE Tidak
dikenali'));

        header("refresh:1;url=$url");
    }
    } else {
        $url = base_url() .
'scan';

        $this->session-
>set_flashdata('messageAlert', $this-
>messageAlert('error', 'Absen diluar jam
produktif'));

        header("refresh:1;url=$url");}

```

7. Laporan

```
<?php
date_default_timezone_set('Asia/Jakarta');

class Result extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();

        $this->load-
>model("M_master", 'm_master');
        $this->load-
>helper('tanggal_indo');
    }
    public function mapel()
    {
        $respon = $this->db-
>get('tblm_mapel')->result();
        $data = $respon;
        $html =
"<option></option>";
        foreach ($data as $a) {
            $html .= "<option
value="" . $a->mapelId . ""> . $a-
>mapelNama . "</option>";
        }
        $callback = $html; //
Masukan variabel html tadi ke dalam array
$callback dengan index array : data_kota
        echo json_encode($html);
    }
    // Guru
    public function guru()
    {
        if ($this->session-
>userdata('is_login') == True) {
            $data['judul'] =
"Presensi Guru";
            $data['data'] = $this-
>m_master->getall('karyawan',
'id_karyawan');
            $this->load-
>view('result/guru', $data);
```

```
        } else {
            redirect('login');
        }
    }
    public function t_guru()
    {
        $data = [
            'id_karyawan' =>
$this->input->post('kode'),
            'nama_karyawan' =>
$this->input->post('nama'),
            'alamat' => $this-
>input->post('alamat'),
        ];
        $save = $this->m_master-
>create('karyawan', $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menambah data"
        ];
        echo json_encode(array("status" =>
TRUE));
    }
    public function edit_guru()
    {
        $data = [
            'id_karyawan' =>
$this->input->post('kode'),
            'nama_karyawan' =>
$this->input->post('nama'),
            'alamat' => $this-
>input->post('alamat'),
        ];
        $idne = array(
            'id' => $this->input-
>post('id'),
        );
        $save = $this->m_master-
>update('karyawan', $idne, $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
mengubah data"
```

```

];
echo
json_encode(array("status" => TRUE, 'data'
=> $data));
}
public function delete_guru($id)
{
    $sidne = array(
        'id' => $id,
    );
    $save = $this->m_master-
>delete('karyawan', $sidne);
    $data = [
        'success' => true,
        'data' => $save,
        'msg' => "Berhasil
menghapus data"
    ];echo
    json_encode(array("status" => TRUE, 'data'
=> $data));
}
public function guru_list()
{
    // $tanggal = date('Y-m-d');
    if ($this->input-
>post('tanggal')) {
        $tanggal = $this-
>input->post('tanggal');
    } else {
        $tanggal = date('Y-
m-d');}
    if ($this->input-
>post('mapel')) {
        $mapel = $this-
>input->post('mapel');
        $where =
array('pretanggal' => $tanggal, 'preIdMapel'
=> $mapel);
    } else {
        $where =
array('pretanggal' => $tanggal);
    }
    $column_order =
array('preTanggal', 'preMasuk', 'preKeluar',
'nama_karyawan', 'mapelNama');

```

```

        $column_search =
array('preTanggal', 'preMasuk', 'preKeluar',
'nama_karyawan', 'mapelNama');
        $order = array('preMasuk' =>
'DESC');
        $listing = $this->m_master-
>get_datatables('vw_gurumasuk',
$column_order, $column_search, $order,
$where);
        $data = array();
        $no = $_POST["start"];
        foreach ($listing as $key) {
            $no++;
            $row = array();
            $row[] = $no;
            $row[] = $key->preTanggal;
            $row[] = $key-
>nama_karyawan;
            $row[] = $key-
>mapelNama;
            $row[] = $key-
>preMasuk;
            $row[] = $key-
>jadwalAkhir;
            $row[] = $key-
>kelasNama;
            $data[] = $row;
        }
        $output = array(
            "draw" =>
$_POST["draw"],
            "recordsTotal" =>
$this->m_master-
>count_all('vw_gurumasuk', $where),
            "recordsFiltered" =>
$this->m_master-
>count_filtered('vw_gurumasuk',
$column_order, $column_search, $order,
$where),
            "data" => $data
        );
        echo json_encode($output);
    }
    // Siswa
    public function siswa()

```

```

    {
        if ($this->session-
>userdata('is_login') == True) {
            $data['judul'] =
"Presensi Siswa";
            $data['data'] = $this-
>m_master->getall('karyawan',
'id_karyawan');
            $this->load-
>view('result/siswa', $data);
        } else {
            redirect('login');
        }
    }
    public function t_siswa()
    {
        $data = [
            'siswaNis' => 0 .
$this->input->post('nis'),
            'siswaNama' =>
$this->input->post('nama'),
            'siswaTempat' =>
$this->input->post('tempat'),
            'siswaTanggal' =>
$this->input->post('tanggal'),
            'siswaTahun' =>
$this->input->post('tahun'),
            'siswaJenis' => $this-
>input->post('jenis'),
            'siswaAlamat' =>
$this->input->post('alamat'),
        ];
        $save = $this->m_master-
>create('tblm_siswa', $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menambah data"
        ];
        echo
json_encode(array("status" => TRUE));
    }
    public function edit_siswa()
    {
        $data = [

```

```

            'siswaNis' => $this-
>input->post('nis'),
            'siswaNama' =>
$this->input->post('nama'),
            'siswaTempat' =>
$this->input->post('tempat'),
            'siswaTanggal' =>
$this->input->post('tanggal'),
            'siswaTahun' =>
$this->input->post('tahun'),
            'siswaJenis' => $this-
>input->post('jenis'),
            'siswaAlamat' =>
$this->input->post('alamat'),
        ];
        $idne = array(
            'siswaId' => $this-
>input->post('id'),
        );
        $save = $this->m_master-
>update('tblm_siswa', $idne, $data);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
mengubah data"
        ];
        echo
json_encode(array("status" => TRUE, 'data'
=> $data));
    }
    public function delete_siswa($id)
    {
        $idne = array('siswaId' => $id.);
        $save = $this->m_master-
>delete('tblm_siswa', $idne);
        $data = [
            'success' => true,
            'data' => $save,
            'msg' => "Berhasil
menghapus data"];
        echo
json_encode(array("status" => TRUE, 'data'
=> $data));
    }
    public function siswa_list()
    {

```

```

        if ($this->input-
>post('tanggal')) {
            $tanggal = $this-
>input->post('tanggal');
        } else {
            $tanggal = date('Y-
m-d');
        }
        if ($this->input-
>post('mapel')) {
            $mapel = $this-
>input->post('mapel');
            $where =
array('pretanggal' => $tanggal, 'preIdMapel'
=> $mapel);
        } else {
            $where =
array('pretanggal' => $tanggal);
        }
        $column_order =
array('preTanggal', 'preMasuk', 'preKeluar',
'siswaNama', 'siswaNis', 'nama_karyawan',
'mapelNama');
        $column_search =
array('preTanggal', 'preMasuk', 'preKeluar',
'siswaNama', 'siswaNis', 'nama_karyawan',
'mapelNama');
        $order = array('preMasuk' =>
'DESC');
        $listing = $this->m_master-
>get_datatables('vw_siswamasuk',
$column_order, $column_search, $order,
$where);
        $data = array();
        $no = $_POST["start"];
        foreach ($listing as $key) {
            $no++;
            $row = array();
            $row[] = $no;
            $row[] = $key-
>preTanggal;
            $row[] = $key-
>siswaNama;

```

```

            $row[] = $key-
>siswaNis;
            $row[] = $key-
>mapelNama;
            $row[] = $key-
>nama_karyawan;
            $row[] = $key-
>preMasuk;
            $row[] = $key-
>preKeterangan;
            $data[] = $row;
        }
        $output = array(
            "draw" =>
$_POST["draw"],
            "recordsTotal" =>
$this->m_master-
>count_all('vw_siswamasuk', $where),
            "recordsFiltered" =>
$this->m_master-
>count_filtered('vw_siswamasuk',
$column_order, $column_search, $order,
$where),
            "data" => $data
        );
        echo json_encode($output);
    }
}

```