



[1]

# PIRANTI LUNAK

[1.1]

SOURCE CODE & COMPILE

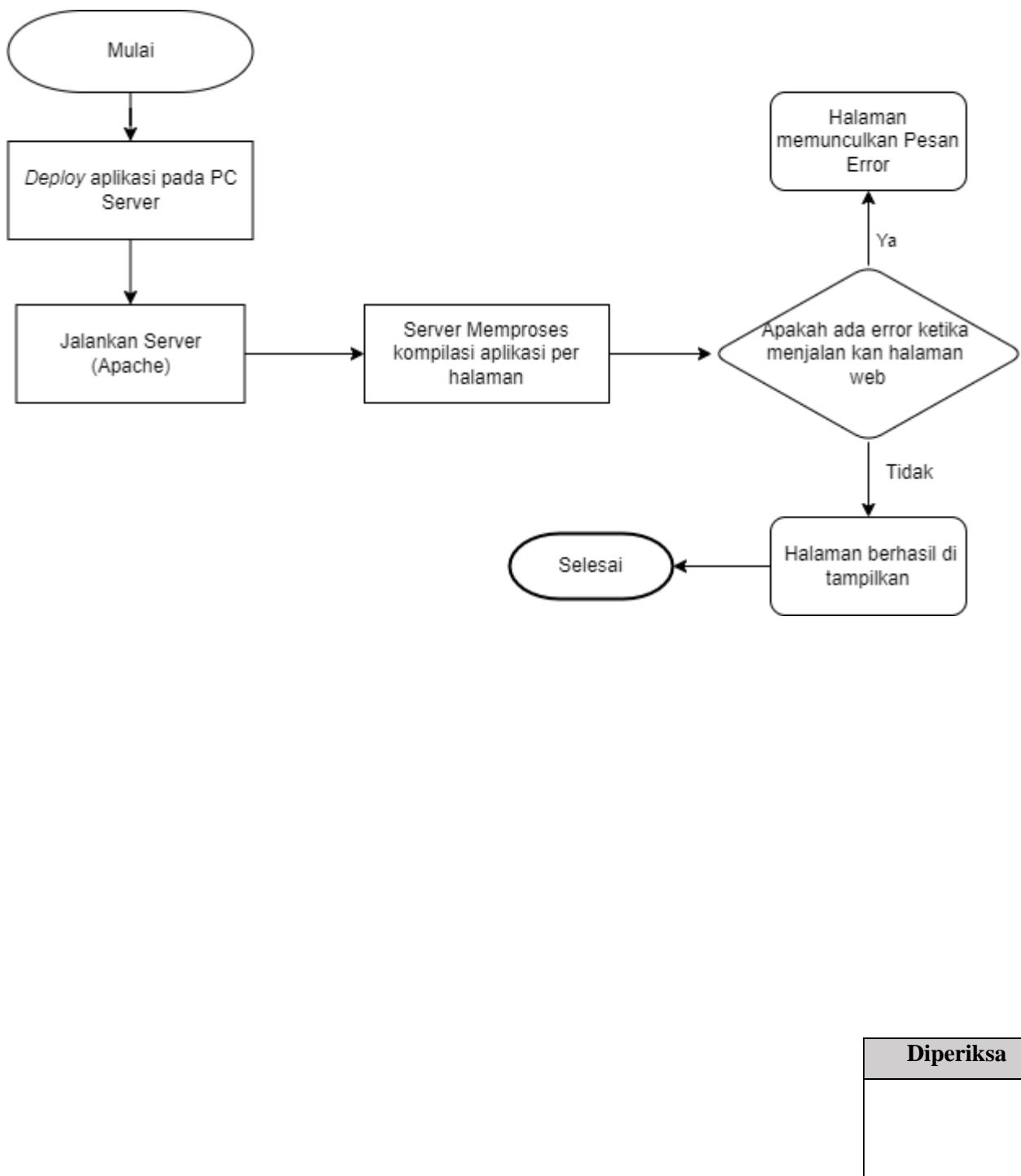
[1.2]

DEVELOP USER INTERFACE

[1.3]

TESTING & DEBUGGING

Diperiksa

**[1.1] SOURCE CODE & COMPILE****[1.1.1] DIAGRAM ALIR PROSES PENGISIAN PROGRAM**

**[1.1] SOURCE CODE & COMPILE****[1.1.2] PROSES COMPIILING PROGRAM****1. Login**

```
public function loginx() {
    header('Content-Type: application/json');

    $username = trim($this->input->post('username'));
    $password = trim($this->input->post('password'));

    if(empty($username)) {
        http_response_code(422);
        $msg = ['err_status' => 'error', 'message' => $this->lang-
>line('woow_login_empty_username')];
        echo json_encode($msg, JSON_HEX_APOS|JSON_HEX_QUOT|JSON_HEX_AMP|JSON_HEX_TAG);
        return;
    }
    if(empty($password)) {
        http_response_code(422);
        $msg = ['err_status' => 'error', 'message' => $this->lang-
>line('woow_login_empty_password')];
        echo json_encode($msg, JSON_HEX_APOS|JSON_HEX_QUOT|JSON_HEX_AMP|JSON_HEX_TAG);
        return;
    }

    $getUser = $this->db->get_where('users', ['username' => $username]);

    if($getUser->num_rows() == 0) {
        http_response_code(422);
        $msg = ['err_status' => 'error', 'message' => $this->lang-
>line('woow_login_username_mismatch')];
        echo json_encode($msg, JSON_HEX_APOS|JSON_HEX_QUOT|JSON_HEX_AMP|JSON_HEX_TAG);
        return;
    }

    $dt = $getUser->row();

    if(password_verify($password, $dt->password) == FALSE) {
        http_response_code(422);
        $msg = ['err_status' => 'error', 'message' => $this->lang-
>line('woow_login_password_mismatch')];
        echo json_encode($msg, JSON_HEX_APOS|JSON_HEX_QUOT|JSON_HEX_AMP|JSON_HEX_TAG);
        return;
    }

    $this->session->set_userdata(
        array(
            'status_login' => 'y',
            'userid' => $dt->userid,
            'username' => $dt->username,
            'userpic' => $dt->photo,
            'user_level' => $dt->user_level,
            'img_logo' => $getconf->img_logo,
            'img_login' => $getconf->img_login,
            'title' => $getconf->title,
```



```
'style' => $getconf->style,
'site_lang' => $getconf->language,
// update naquib 26 maret 2021 -> tambah session user token (buat csrf dan api)
'user_token' => ($empty($dt->users_token)) ? md5(uniqid($dt->username, true)) :
$dt->users_token,
// end update naquib 26 maret 2021
'logged_in' => true
);
);

http_response_code(200);
$msg = ['err_status' => 'success', 'message' => 'Login Success', 'data' => $this->acl_menu->menu($dt->user_level)];
echo json_encode($msg, JSON_HEX_APOS|JSON_HEX_AMP|JSON_HEX_TAG|JSON_HEX_QUOT);
exit;
}
```

Source code untuk melakukan fungsi login untuk user yang sudah memiliki akun

## 2. Personil

```
function view()
{
    $search = array();
    $filhostid = '';
    $columns = array(
        0 => 'host_id',
        1 => 'host_name',
        2 => 'host_nip',
        3 => 'host_no_kartu',
        4 => 'host_company_id',
        5 => 'host_dept_id',
        6 => 'host_gender'
    );

    //searching
    if (!empty($_POST['sNip'])) $search['nip'] = $_POST['sNip'];
    if (!empty($_POST['sName'])) $search['name'] = $_POST['sName'];
    if (!empty($_POST['sBadge'])) $search['badge'] = $_POST['sBadge'];
    if (!empty($_POST['sDept'])) $search['department_name'] = $_POST['sDept'];

    $limit = $this->input->post('length');
    $start = $this->input->post('start');
    $order = $columns[$this->input->post('order')[0]['column']];
    $dir = $this->input->post('order')[0]['dir'];

    $totalData = $this->model_setup->host_count($filhostid);
    $totalFiltered = $totalData;

    if(empty($search))
    {
        $posts = $this->model_setup->host_limit($filhostid,$limit,$start,$order,$dir);
    }
    else {
        $posts = $this->model_setup->host_search($limit,$start,$search,$order,$dir);
        $totalFiltered = $this->model_setup->host_search_count($search);
    }
}
```



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```
$data = array();
if (!empty($posts)) {
    foreach ($posts as $post) {

        $hostData['DT_RowId'] = $post->host_id;
        $hostData['personel_id'] = $post->host_id;
        $hostData['personel_nip'] = $post->host_nip;
        $hostData['personel_badge'] = $post->host_badge;
        $hostData['personel_name'] = $post->host_name;
        $hostData['personel_card'] = $post->host_no_kartu;
        $hostData['personel_company'] = $this->model_common->getcompanyname($post->host_company_id);

        $hostData['personel_dept'] = $post->department_name;
        if($post->host_gender==1)
            $hostData['personel_gender'] = $this->lang->line('woow_person_male');
        else
            $hostData['personel_gender'] = $this->lang->line('woow_person_female');

        $data[] = $hostData;
    }
}

$json_data = array(
    "draw"          => intval($this->input->post('draw')),
    "recordsTotal"  => intval($totalData),
    "recordsFiltered" => intval($totalFiltered),
    "data"          => $data
);

echo json_encode($json_data);
}
```

Source code untuk membaca data jamak personil.

Diperiksa



### 3. Halaman Operator Pos.

```
public function index() {
    $data['page_js'] = [
        ['path' => 'assets/new/libs/inputmask/min/jquery.inputmask.bundle.min.js', 'defer' => true],
        ['path' => 'assets/new/libs/webrtc-streamer/libs/adapter.min.js', 'defer' => true],
        ['path' => 'assets/new/libs/webrtc-streamer/webrtcstreamer.js', 'defer' => true],
        ['path' => 'assets/new/libs/list.js/list.js', 'defer' => true],
        ['path' => 'assets/new/js/pages/_parking_index.js', 'defer' => true]
    ];
    $data['page_css'] = [
        'assets/new/css/parking.css'
    ];
    $this->load->view('parking/display/index', $data);
}

/**
 * Pengambilan data In dan Out hari ini untuk display
 *
 * @return void
 */
public function getAllTransationToday() {
    $resp = $this->model_parkir->getInOutTrans();

    header('Content-Type: application/json');
    echo json_encode(['data' => $resp]);
}
```

Source code untuk mengambil halaman operator dan membaca data transaksi hari ini.

### 4. Pengaturan Palang.

```
public function getAll() {
    $draw = $this->input->post('draw');
    $limit = $this->input->post('length');
    $offset = $this->input->post('start');
    $filter = $this->input->post('columns');
    $datas = $this->model_parkir->getAllGates($filter, $limit, $offset);

    $response = [
        'draw' => $draw,
        'data' => $datas,
        'recordsTotal' => $this->db->count_all_results('park_gate'),
        'recordsFiltered' => $this->model_parkir->countAllGates($filter)
    ];

    echo json_encode($response);
}
```

Source code untuk mengambil data Palang.

**5. Laporan Transaksi**

```
public function vehicles_transaction()
{
    $data['page_js'] = [
        ['path' => 'assets/new/js/pages/_report_parking.js', 'defer' => true]
    ];
    $this->template->load('template', 'reports/vehicles/inout', $data);
}

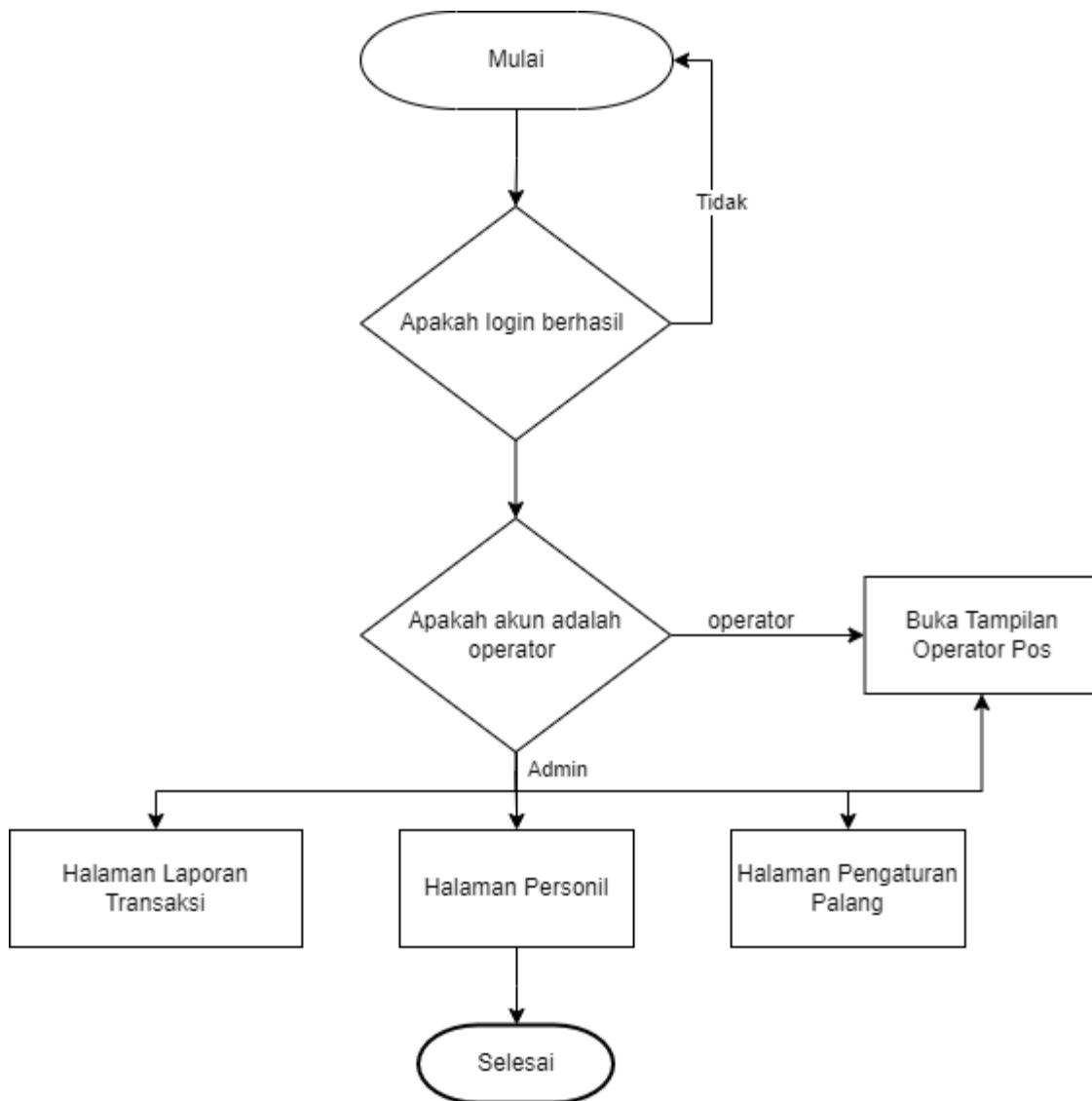
public function getAllInOut() {
    $draw = $this->input->post('draw');
    $filter = $this->input->post('columns');
    $limit = $this->input->post('length');
    $offset = $this->input->post('start');

    $data = $this->model_parkir->getAllForReport($filter, $limit, $offset);

    $resp = [
        'draw'          => $draw,
        'data'          => $data,
        'recordsTotal'  => $this->db->count_all_results('park_trans_inout'),
        'recordsFiltered' => $this->model_parkir->countAllForReport($filter)
    ];
    echo json_encode($resp);
}
```

Source code untuk menampilkan halaman transaksi dan pengambilan data transaksi.

Disiapkan,	Diperiksa Oleh,
 Nauqib A Staf Pengembangan Produk	 Nurhasmi Kepala Pengembangan Produk

**[1.2] DEVELOP USER INTERFACE****[1.2.1] DIAGRAM ALIR ANTARMUKA****Diperiksa**



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## [1.2] DEVELOP USER INTERFACE

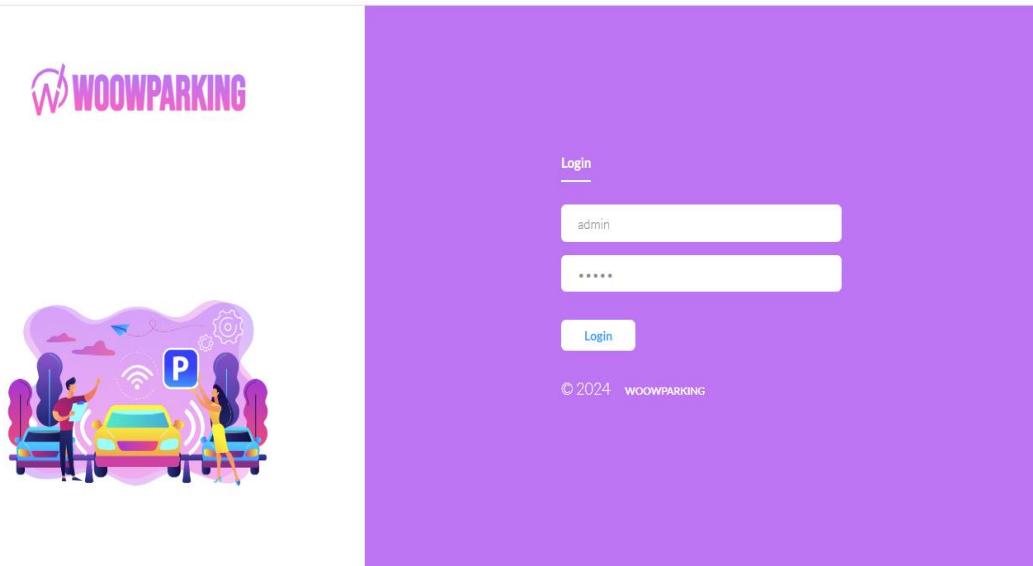
### [1.2.2] TAMPILAN USER INTERFACE SOFTWARE

#### 1. Halaman Login

##### Source Code

```
<?php echo base_url('uploads/logo/'.$imglogin.''); ?> no-repeat center center fixed; -webkit-background-size: cover; background-size: cover; margin-top: 150px; font-size: 14px; font-weight: bold; color: #fff; text-align: center; padding: 10px; border-radius: 5px; border: 1px solid #ccc; width: fit-content; margin-left: auto; margin-right: auto; position: relative; height: 150px; background-color: #fff; box-shadow: 0 0 10px 0 #ccc; z-index: 1; ><?php if (!empty($getconf->img_logo)) { $logo = $getconf->img_logo; } else { $logo = 'default-logo.jpg'; } ><?php echo base_url('uploads/logo/'.$logo); ?> class="responsive-img" style="width: 100%; height: 100%; object-fit: cover; border-radius: 50%; border: 2px solid #ccc; margin: 0 auto; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); ><?php if(validation_errors()): ?> <div class="panel panel-red" style="background-color: #f2dede; border: 1px solid #e5c9c9; border-radius: 5px; padding: 10px; margin-bottom: 10px; ><?php echo validation_errors('<p>', '</p>'); ?></div> <?php endif; ?> <div class="input-field col s12" style="padding-top:12px"><input type="text" value="admin" name="username" id="username" class="validate" required="required" /><span class="white-text" style="color: #ccc; position: absolute; right: 0; top: 0; font-size: 12px; font-weight: bold; >LOG IN</span></div>
```

##### Tampilan UI



Diperiksa



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## 2. Halaman Alat

### Source Code

The screenshot shows a code editor with multiple tabs open, including 'index.php' which is the active tab. The code is written in PHP and includes HTML and CSS. It displays a search form, a table for device management, and various parameters like IP address and status. The code is well-structured with comments and proper syntax.

### Tampilan UI

The screenshot shows the WOOPARKING web application. The left sidebar has a 'MENU' section with links for Personel Data, Company Data, Department Data, Position Data, Parameter Data, Device Management, Realtime, Parking, Display, and Parking Gate. The main content area is titled 'WOOPARKING' and shows a table of 'Data Devices'. The table has columns for Device Name, Serial Number, IP Address, and Device Model. There are 25 entries listed, each with a checkbox and a delete icon. The table includes buttons for Export to PDF, Export to Excel, Print, Select All Row, Refresh Table, Show 25 entries, and a dropdown menu.

Diperiksa



### 3. Halaman POS Operator

#### Source Code

The screenshot shows a code editor with the file path: application > views > parking > display > index.php. The code is a PHP script with some HTML and CSS. It includes a header section, a main content area with a table for transaction data, and a sidebar with vehicle status controls.

```
<?php $this->load->view('_partials/head.php') ?>
<body>
    <header>
        <div class="main-content ml-0">
            <div class="page-content">
                </div>
            </div>
        <!-- TRANSACTION TABLE -->
        <div class="row">
            <div class="col-12">
                <div class="table-responsive">
                    <table id="tbl-display" class="table table-sm table-striped">
                        <thead class="bg-success text-white">
                            <th>ID:</th>
                            <th>Plat Nomor</th>
                            <th>Jam Masuk</th>
                            <th>Jam Keluar</th>
                            <th>Updated Time</th>
                        </thead>
                        <tbody style="height: 220px; background-color: #fff;">
                            </tbody>
                    </table>
                </div>
            </div>
            <div class="col-7">
                <div class="row">
                    <div class="col-12 col-md-6 px-1">
                        <div class="overflow-hidden position-relative" style="height: 280px">
                            <video class="w-100 h-100 bg-info" id="vehicles-cam" style="object-fit: fill;"></video>
                            <div class="btn-container d-flex flexnowrap flex-nogrow position-absolute w-100">
                                <button class="btn btn-sm btn-primary" id="vehicles-play"><i class="mdi mdi-play"></i></button>
                                <button class="btn btn-sm btn-danger d-none" id="vehicles-stop"><i class="mdi mdi-stop"></i></button>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

#### Tampilan UI

The screenshot shows the Wooparking application interface. On the left, there is a profile form titled "PROFIL PENGENDARA" with fields for Plat Nomor, Nama, and Kesatuan, each with a placeholder image. Below the form is a table with columns for Plat Nomor, Jam Masuk, and Jam Keluar, showing the message "No data available in table". On the right, there is a live video feed showing a landscape with mountains and a sun, with two control buttons for play and stop.

Diperiksa



[1.2.2] TA

#### 4. Halaman Laporan Transaksi

##### Source Code

```
<?php
File Edit Selection View Go Run ... <- > admin
EXPLORER ... in header.php message_lang.php ...english message_lang.php ...indonesia index.php ...display inout.php x co > ...
ADMIN application > views > reports > vehicles > inout.php
application > views > reports > vehicles > inout.php
6 <div class="row">
7   <div class="col-12">
8     <div class="card">
9       <div class="card-body">
10      <?php
11        <div class="row">
12          <div class="col-12">
13            <div class="btn-group btn-group-sm">
14              <button type="button" class="btn btn-sm btn-warning">Refresh</button>
15              <button type="button" class="btn btn-sm btn-success" data-toggle="modal" data-target="#modal-export">Export</button>
16            </div>
17          </div>
18        </div>
19        <div class="row">
20          <div class="col-12 col-lg-6">
21            <div class="table-responsive mt-4">
22              <table id="tbl_vehicles" class="table table-striped table-sm nowrap w-100">
23                <thead class="bg-dark text-white">
24                  <tr>
25                    <th class="bg-dark"></th>
26                    <th class="bg-dark">ID</th>
27                    <th class="bg-dark">No. Pol</th>
28                    <th class="bg-dark">Jam Masuk</th>
29                    <th class="bg-dark">Jam Keluar</th>
30                    <th class="bg-dark">Kode Personil</th>
31                    <th class="bg-dark">Nama Pegawai</th>
32                    <th class="bg-dark">Act.</th>
33                  </tr>
34                </thead>
35                <tbody></tbody>
36              </table>
37            </div>
38          </div>
39          <div class="col-12 col-lg-6 mt-3">
40            <div class="row">
41              <div class="col-12 col-md-6">
42                
43              </div>
44            </div>
45          </div>
46        </div>
47      </div>
48    </div>
49  </div>
50  <div class="row">
51    <div class="col-12 col-lg-6">
52      <div class="img-fluid w-100" id="img-car_out" src="assets/images/nav7.jpg" alt="Foto Kendaraan Keluar" style="height: 180px;"/>
53    </div>
54  </div>
55</div>
```

##### Tampilan UI

The screenshot shows a web-based application with a purple header bar. The header includes a logo, a search bar, and navigation links for Admin, Language (set to English), and a user account (admin). Below the header, there's a sidebar with various icons and menu items like TIMELINE and OUTLINE. The main content area has a title "WOOPARKING" and a subtitle "Dashboards / Reports / Vehicles\_transaction". It features two input fields for "Tanggal Masuk" and "Tanggal Keluar" (both mm/dd/yyyy) and a search button. Below these is a table with columns: #, No. Pol, Jam Masuk, Jam Keluar, Kode Personil, and Nama Peg. The table lists 9 entries. To the right of the table are four decorative images of mountains under different sky conditions.

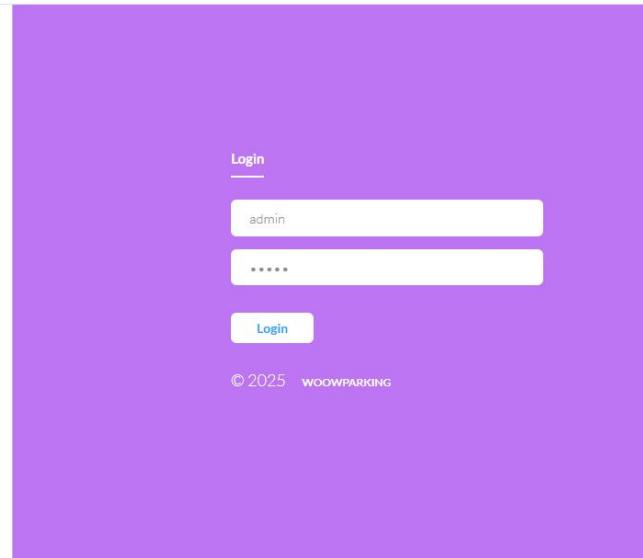
#	No. Pol	Jam Masuk	Jam Keluar	Kode Personil	Nama Peg
1	BI238RF	2022-08-30 11:26:04			
2	BI238RF	2022-08-30 11:25:50			
3	BI407TIY	2022-08-30 10:50:54			
4	BI91CZI	2022-08-30 10:39:01			
5	B960BUAG	2022-08-30 10:37:42			
6	EI089DG	2022-08-30 10:37:14			
7	BI56UHQ	2022-08-30 10:30:17			
8	B9485UCS	2022-08-30 10:13:45			
9	B9526UAL	2022-08-30 09:58:00			

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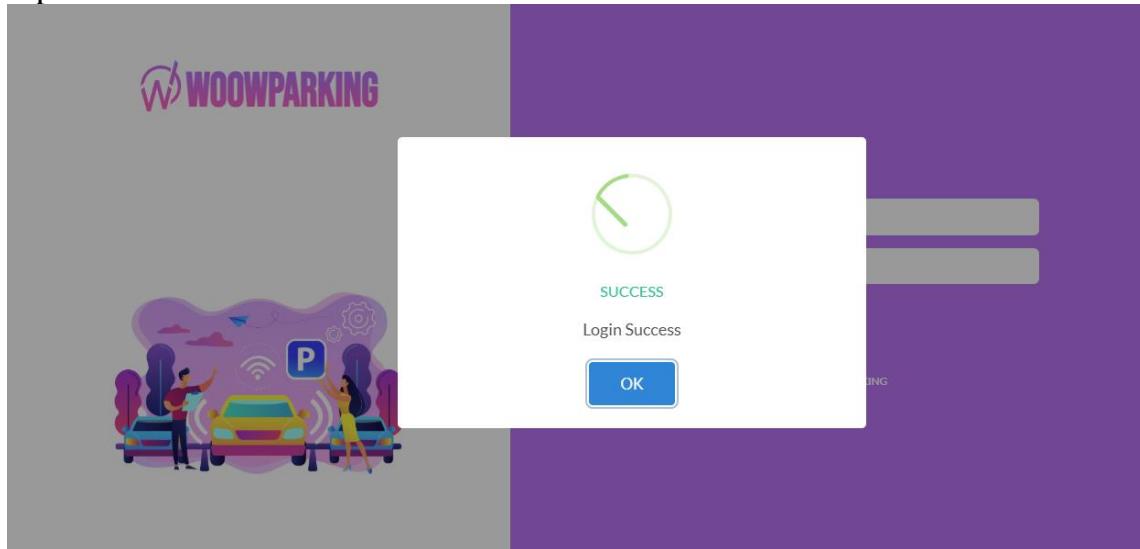


### [1.3] TESTING & DEBUGGING

- Tes Login
  - Input username dan Password



- Input Sukses



- Masuk ke Halaman POS Display



The screenshot shows the WoowParking dashboard. At the top, there's a purple header with the logo and navigation links. Below it is a red header labeled "PROFIL PENGENDARA" containing fields for "Plat Nomor", "Nama", and "Kesatuan". To the right is a placeholder for a user profile picture. Below this are four blue rectangular boxes representing parking slots, each featuring a small landscape illustration. A green footer bar at the bottom shows "Plat Nomor", "Jam Masuk", "Jam Keluar", and a "Loading..." message.

- **Tes Input Pegawai**

- Input data pegawai dengan (\*) sebagai data mandatori

The screenshot shows the WoowParking personnel addition form. The left sidebar has icons for dashboard, personnel, car, file, and settings. The main area has a blue header "WOOPARKING" and a sub-header "Form - Add Personnel". It contains fields for "Personnel's ID" (322), "Badge Number" (23423), "Personnel's Name" (234234), "Gender" (Male), "Birth Day" (mm/dd/yyyy), "Hired Date" (mm/dd/yyyy), "User Pin" (Device Verification Password), "Department" (All), "Phone Number" (Phone Number), "Position" (Select Position Name), "Card Number" (Card Number), and "Access Levels" (30 Mesin). On the right is a large placeholder for a user profile picture. At the bottom are "Save" and "Cancel" buttons, along with "File" and "Camera" upload options.

- Input Sukses



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The screenshot shows the 'WOOPARKING' application interface. A modal window in the center displays a green checkmark icon and the text 'SUCCESS' followed by 'Data successfully saved'. In the background, there is a form titled 'Form - Add Personnel' with fields for Personnel's ID, Badge Number, Personnel's Name, Gender, Birth Day, Hired Date, and User Pin. Below the form is a 'Save' button. On the right side of the screen, there is a placeholder for a user profile picture.

- Data dapat di lihat pada halaman Personnel.

Refresh	Add	Delete All	Import	Export	
Personnel's Name	Personnel's ID	Badge Number	Card Number	Department	Gender
<input type="checkbox"/> TESTER NAME I	87654	23827		DITPOLAIRUD	Male

- Tes Import Data

- Pilih file sesuai template excel.

The screenshot shows the 'WOOPARKING' application interface with an 'Import Data' dialog box overlaid. The dialog box has 'File Format' set to 'Excel' and a 'File Upload' field containing 'Card\_User\_List.xlsx'. There are 'Close' and 'Import' buttons at the bottom. In the background, there is a table listing personnel data with columns: Personnel's Name, Personnel's ID, Badge Number, Card Number, Department, and Gender. The data includes entries for Bambang, Tukimin, Kliwon, Sari Awan, sumartagih, Sukur, and tukang ledeng, all belonging to DITPOLAIRUD and marked as Male.

- Klik Import



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Import Data

File Format  Excel

File Upload

00 00 12

87654 987654  
789065434 6789065434

- Data Sukses di input

Import Data

File Format  Excel

SUCCESS

Data successfully saved

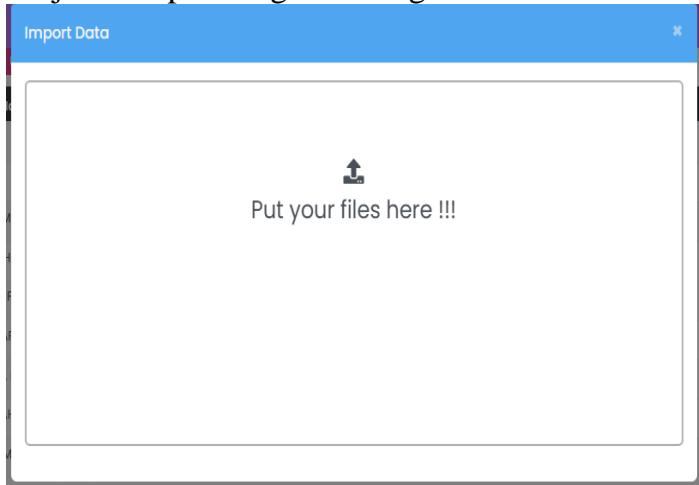
5678905 5678905

- Data tersedia pada list personil.

<input type="checkbox"/> GUNAWAN	4270684367	1991721606	47	Female	
<input type="checkbox"/> RUMINTAN	4270734191	1688627389	01	Female	
<input type="checkbox"/> TEDDY YUNIRMAN DANAS	4271923375	9966005365	02	Female	
<input type="checkbox"/> INDRIYANI RAHAYU	4272167215	2073120085	01	Female	
<input type="checkbox"/> FARHAN BUDI PRATAMA	4272264271	1591590385	05	Female	
<input type="checkbox"/> R DOMY SOKARA (EM)	4275316687	9966041782	60	Female	
<input type="checkbox"/> INDRI PUSPITA RIYANTO	4275570767	1490548062	54	Female	
<input type="checkbox"/> HERLYANA MAHARANI (EM2)	4276543471	2199742107	60	Female	
<input type="checkbox"/> SALADIN D (EM)	4276595567	1874682271	77	Female	
<input type="checkbox"/> Shabrina Nurul Anwar (EM2)	4278940015	1794661876	51	Female	



- Import Template Wajah.
- Wajah di input dengan di drag.



- Terdapat error pada file yang di upload



- Upload error karena folder tercipta karena folder untuk output data gambar tidak memiliki hak akses untuk *Write* ketika dibuat melalui aplikasi. Sumber Kode:

```
$files = $_FILES['file'];

if(!file_exists(FCPATH.'assets'.DIRECTORY_SEPARATOR.'images'.DIRECTORY_SEPARATOR.'users'))
    mkdir(FCPATH.'assets'.DIRECTORY_SEPARATOR.'images'.DIRECTORY_SEPARATOR.'users');

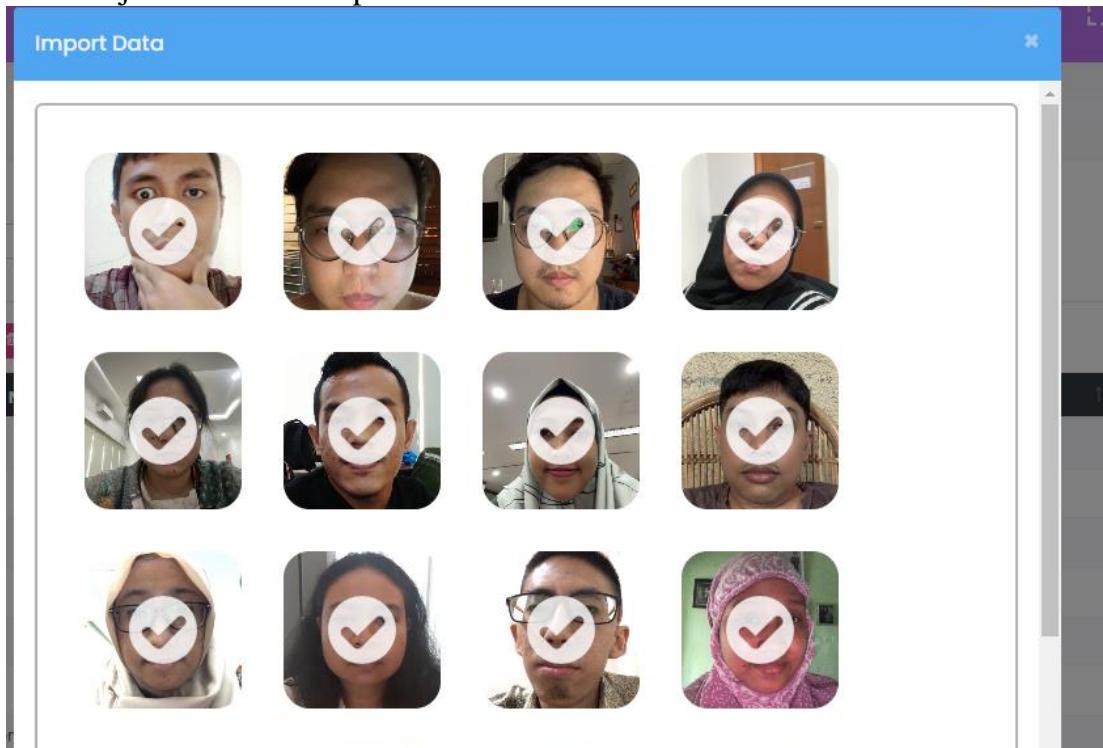
if(is_array($files['tmp_name']))
```

- Jadi harus ditambahkan manipulasi hak akses melalui aplikasi. Sumber Kode:

```
$files = $_FILES['file'];

if(!file_exists(FCPATH.'assets'.DIRECTORY_SEPARATOR.'images'.DIRECTORY_SEPARATOR.'users'))
    mkdir(FCPATH.'assets'.DIRECTORY_SEPARATOR.'images'.DIRECTORY_SEPARATOR.'users', 0777);
```

- Data wajah berhasil di input.



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**DOKUMEN PENGEMBANGAN****PT. HIT INTERNATIONAL****“(MIWB)”**

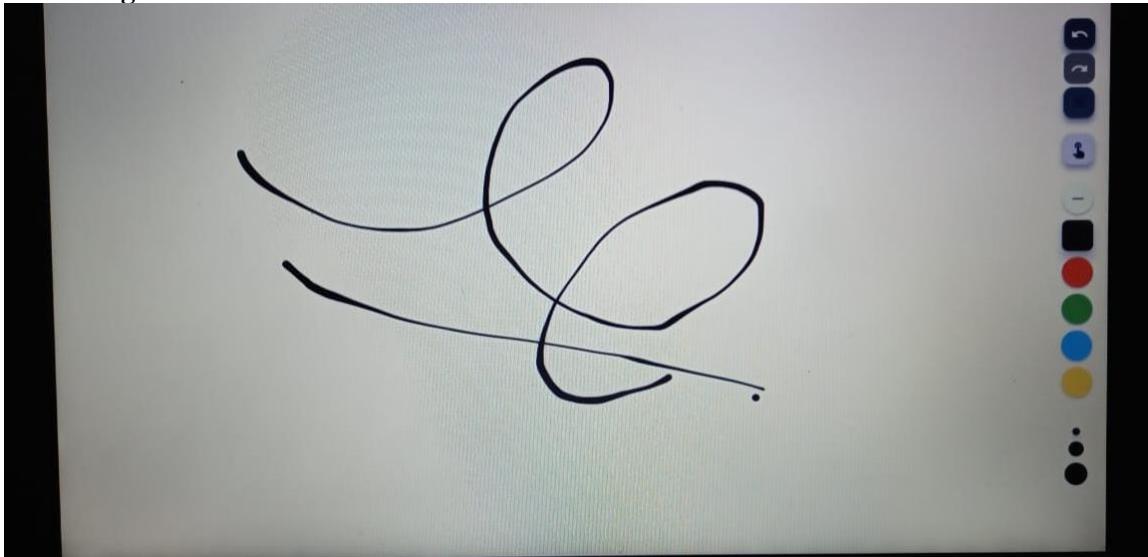
10 Oktober 2023

**Diperiksa**

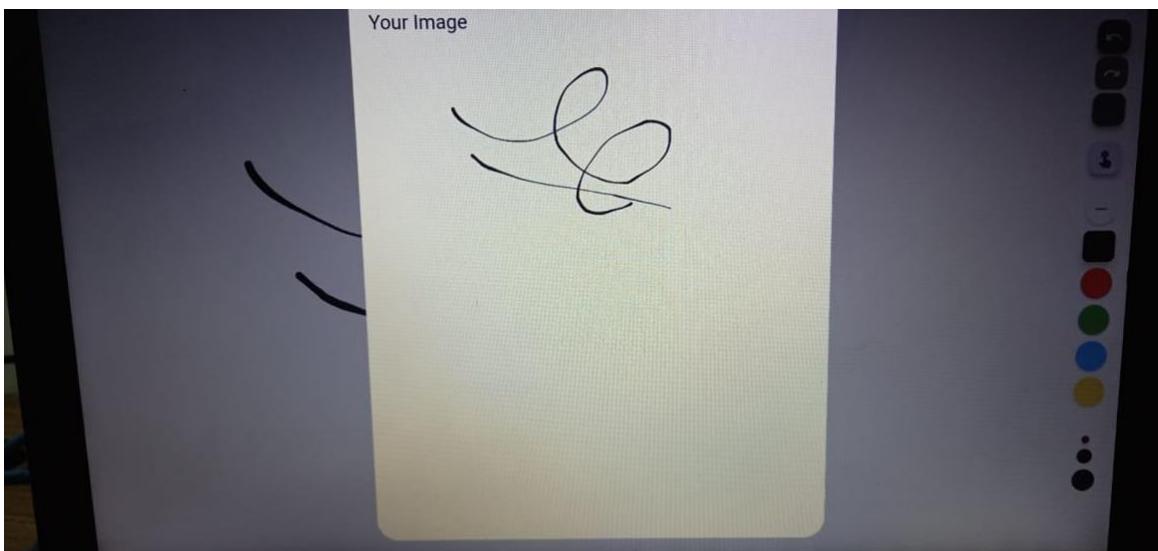


### [1.3] TESTING & DEBUGGING

Test Drawing



Test Saving



Diperiksa

**DOKUMEN PENGEMBANGAN****PT. HIT INTERNATIONAL****“(MIWB)”**

10 Oktober 2023

**[1.3] TESTING & DEBUGGING****[1.3.2] HASIL VERIFIKASI PENGECEKAN SOFTWARE**

No	Modul	Hasil diharapkan	Lulus
1.	Login	User dapat melakukan login	Ya
2.	Registrasi	User dapat mendaftarkan akun baru	Ya
3.	Workspace	User dapat melakukan drawing	Ya
4.	Saving	Hasil drawing dapat disimpan	Ya

**Disiapkan,****Nauqib A****Staf Pengembangan Produk****Diperiksa Oleh,****Nurhasmi****Kepala Pengembangan Produk**