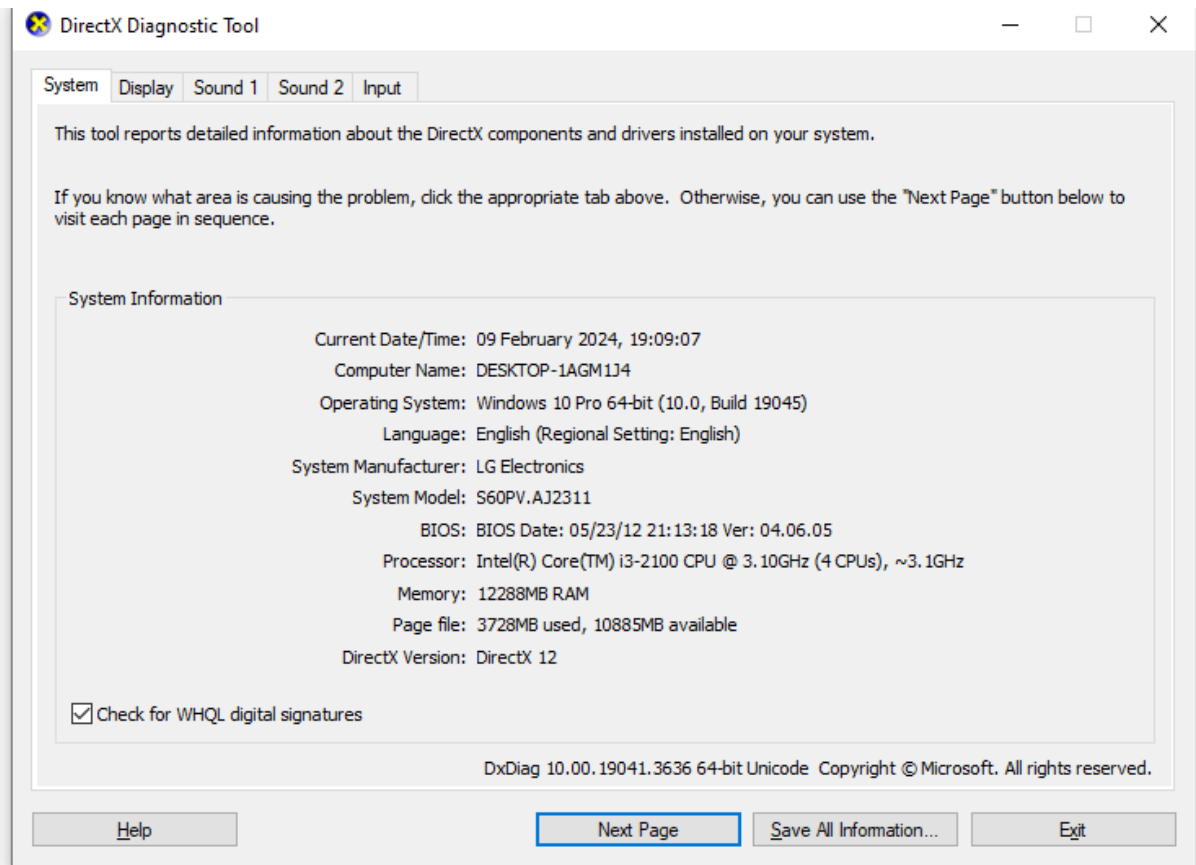


KOMPETENSI KEAHLIAN : Rekayasa Perangkat Lunak
 KELAS : XII RPL 1
 NAMA LENGKAP : Rafli Kamaludin
 NIS : 2122.10.380
 PAKET SOAL : 4
 JENIS APLIKASI : Web
 ALOKASI WAKTU : 24 jam

[illegible]

2. PERSIAPAN PERANGKAT KERAS



3. PERSIAPAN PERANGKAT LUNAK

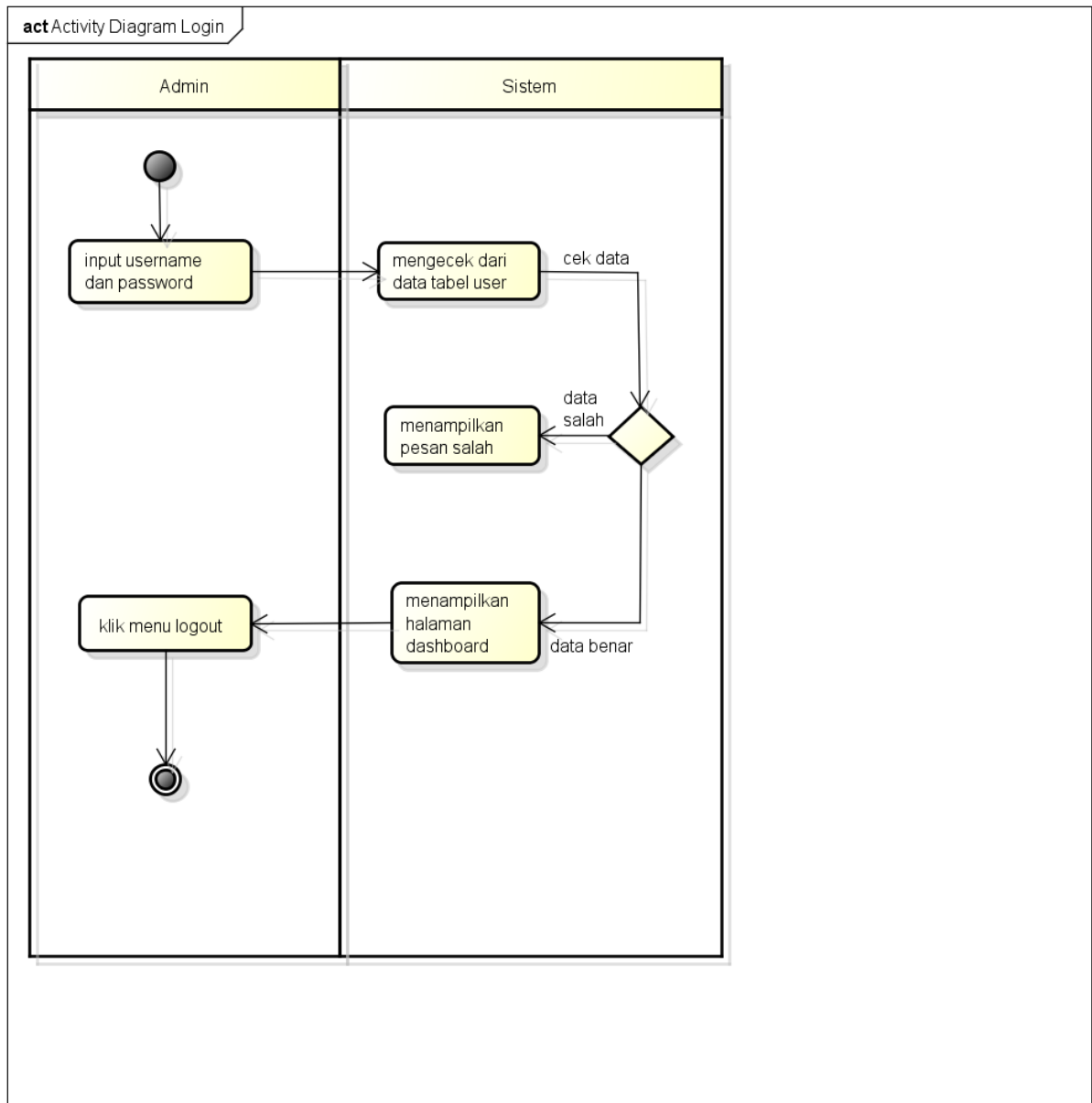
Silahkan isikan perangkat lunak yang terlibat dalam pembuatan project ini

Pembuatan aplikasi kasir berbasis web membutuhkan perangkat lunak yang dijalankan untuk aplikasi yaitu xampp, visual studio code, dan chrome.

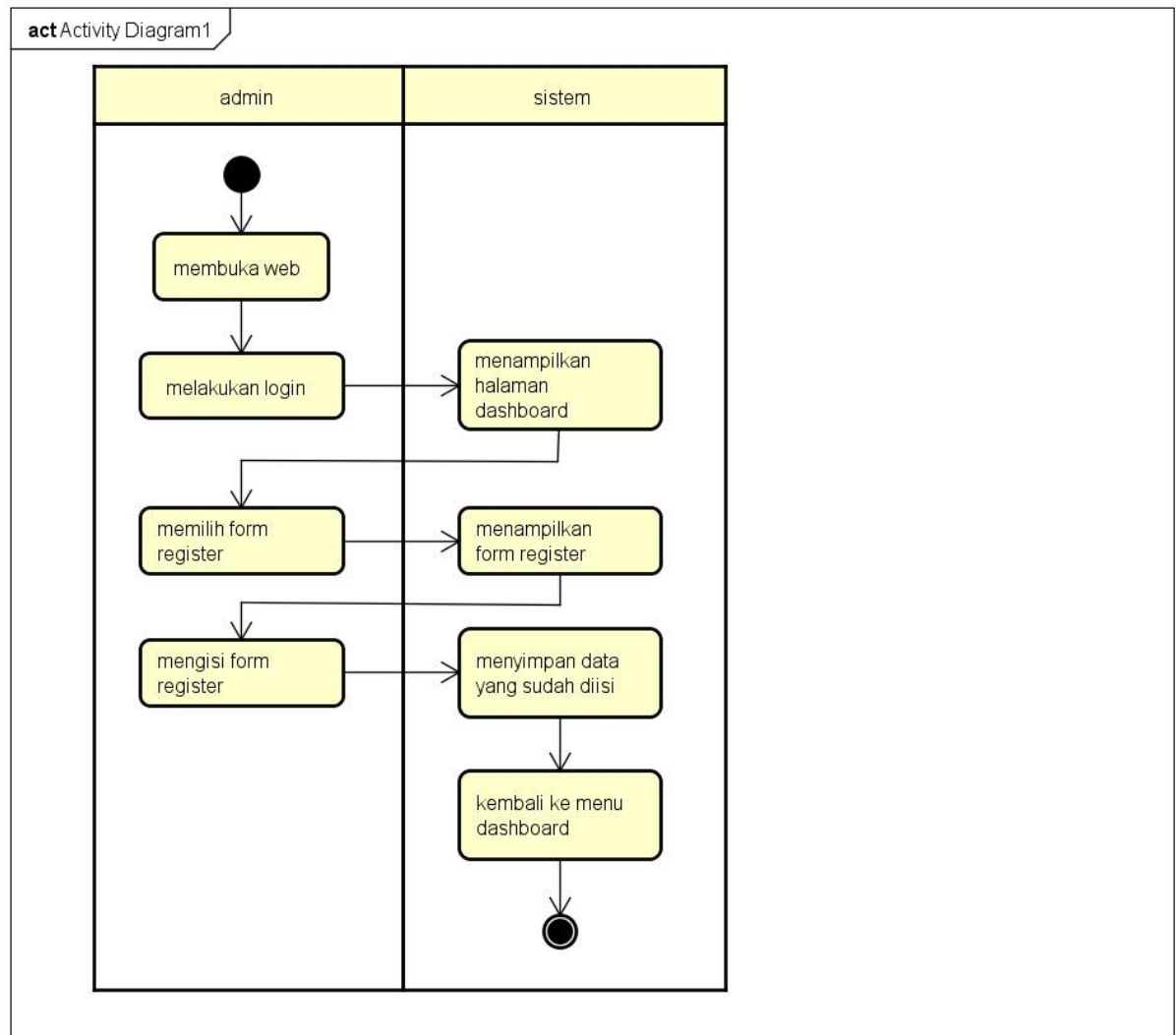
Serta aplikasi tambahan yang terlibat untuk pembuatan aplikasi menggunakan astah dan balsamiq.

4. PERANCANGAN ALGORITMA APLIKASI

- Login

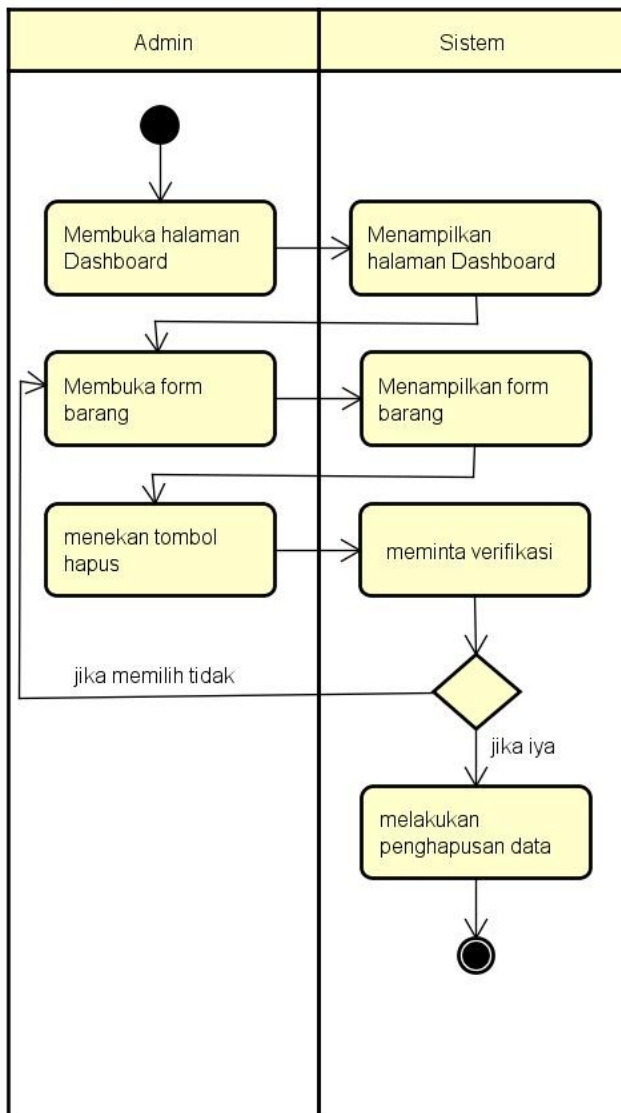


- **Register**

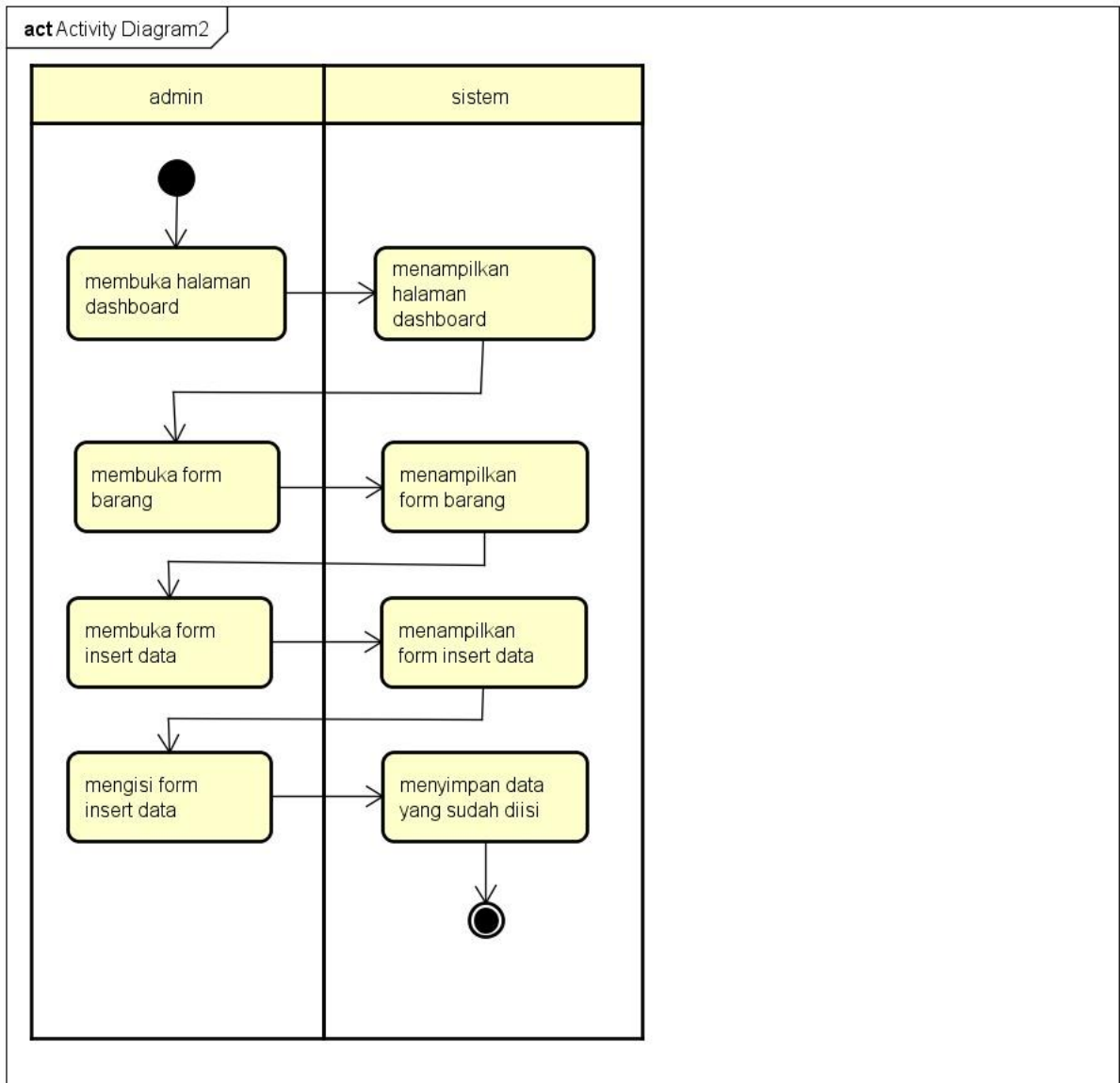


- Delete

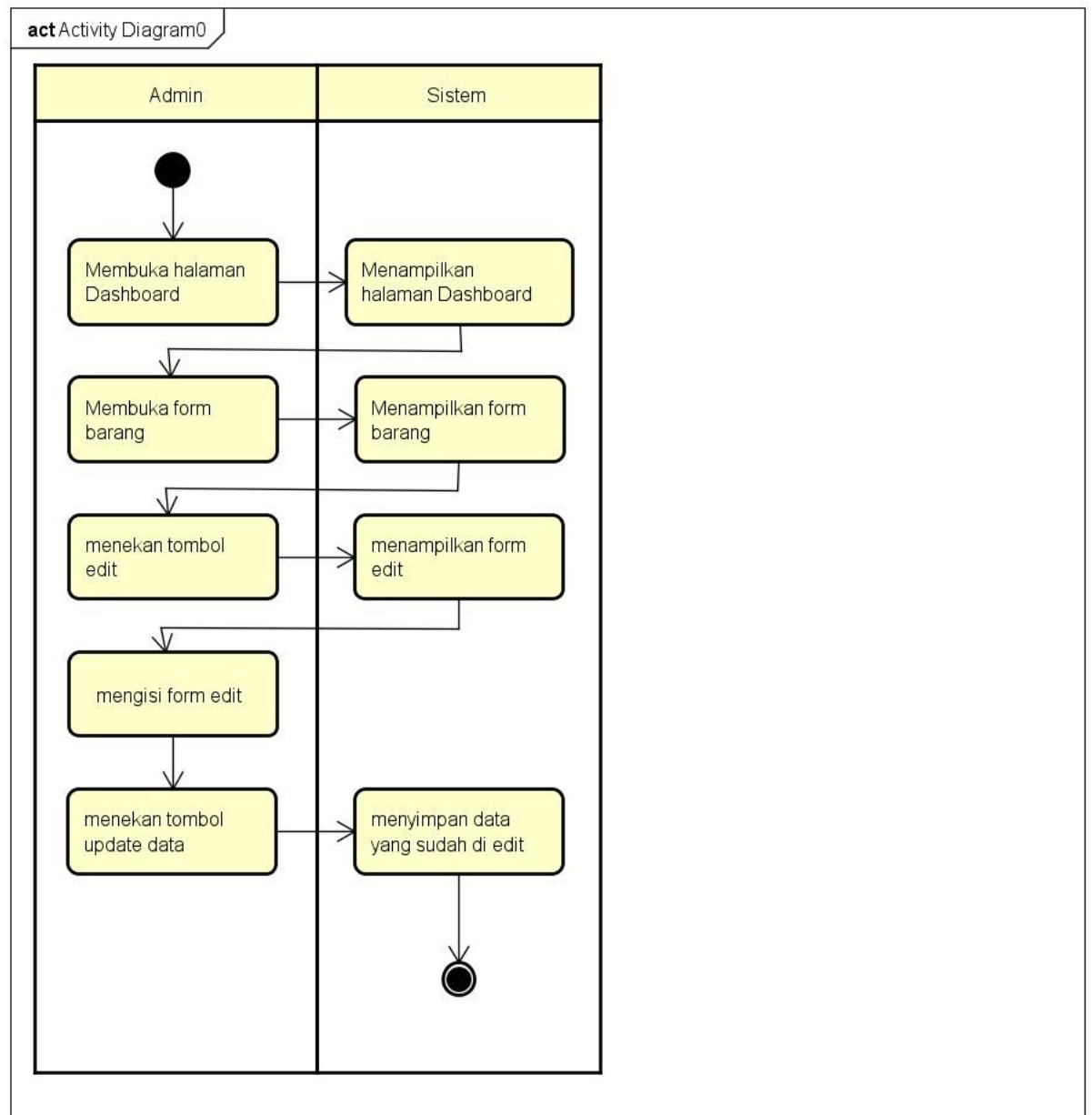
act Activity Diagram0



- **Insert**



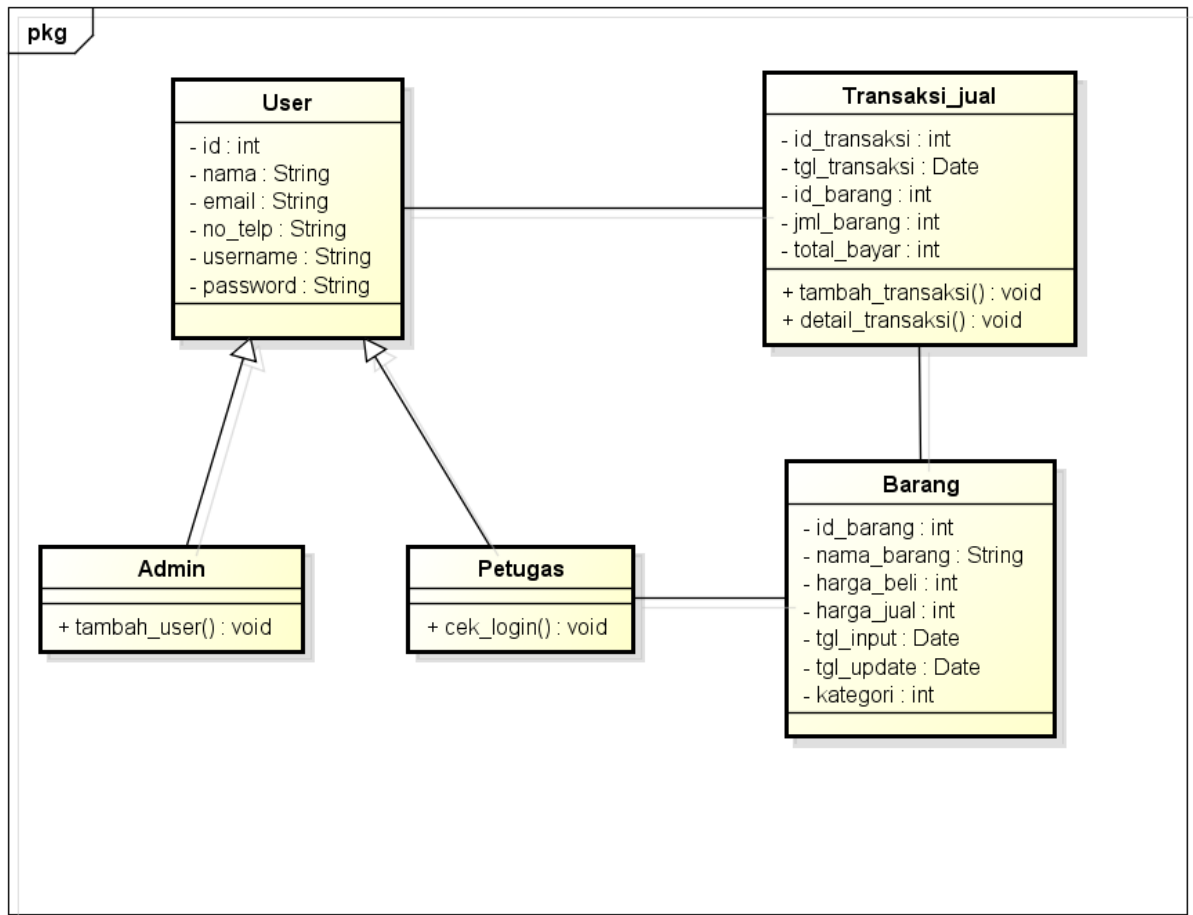
- **Edit**



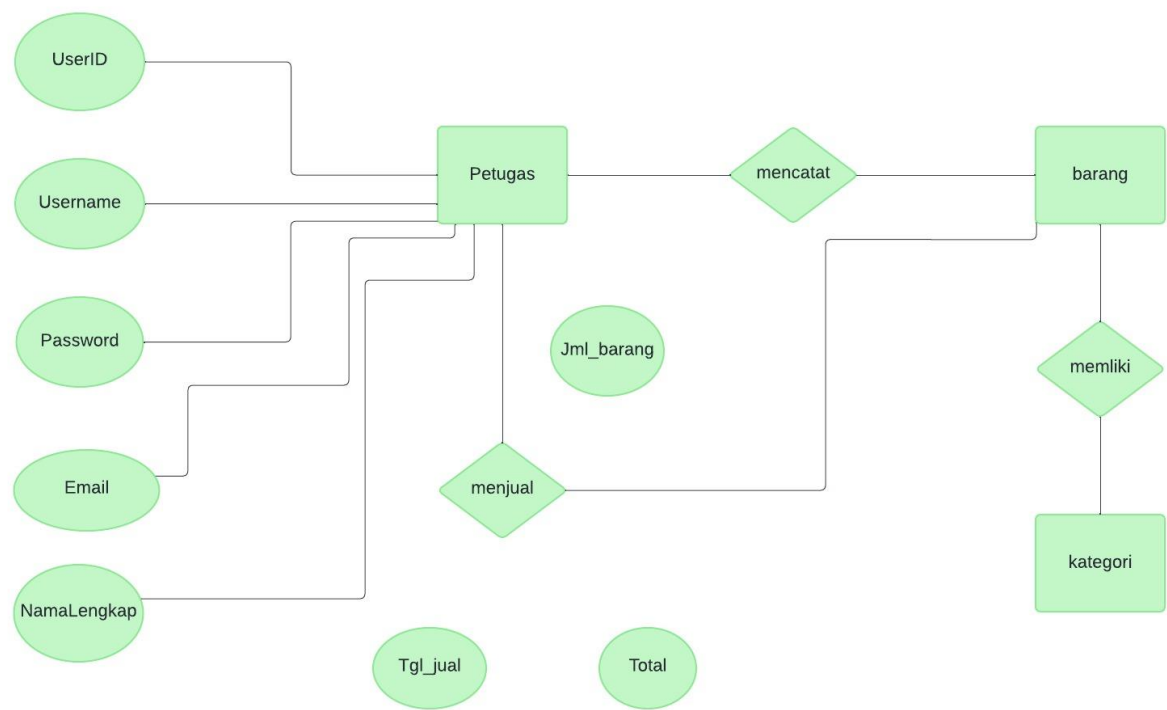
5. PERANCANGAN DESAIN BASIS DATA

Silahkan gambarkan ERD/DFD/class diagram atau desain basis data pada phpMyAdmin beserta relasinya

Class Diagram



ERD



6. DUMMY DATA

1.Barang

Id	Id_barang	Id_kategori	Nama_barang	Merk	Harga_beli	Harga_jual	Satuan_Barang	Stok	Tgl_input	Tgl_update
1	BR001	5	Sabun mandi	Lifeboy	1800	3000	PCS	34	24/2/23	12/2/24
2	BR002	2	Pulpen	Standart	1200	2500	PCS	25	23/4/23	14/1/24
3	BR003	4	Sabun cuci	Mama lime	3000	4500	PCS	15	13/1/24	23/2/24

2.Kategori

Id	Nama_kategori	Tanggal_input
1	ATK	7 May 2017
2	Sabun	4 Juni 2020
3	Snack	13 September 2023

3.Member

Id_member	nm_member	alamat	telepon	email	nik	status
1	admin	Bandung	084463444442	admin@gmail.com	1234556667	1
2	petugas	Cimahi	084545243445	petugas@gmail.com	1234566890	2
3	rafli	Batujajar	083129221602	rafli@gmail.com	2145667767	1

7. PEMBUATAN BASIS DATA (MySQL Code)

1.Tampilan user

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_member	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 nm_member	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	3 alamat_member	text	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	4 telepon	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	5 email	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	6 gambar	text	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	7 NIK	text	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	8 status	enum('1', '2')	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	9 user	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	10 pass	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

2.Tampilan Barang

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 id_barang	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3 id_kategori	int(11)			No	None			Change Drop More
<input type="checkbox"/>	4 nama_barang	text	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5 merk	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6 harga_beli	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	7 harga_jual	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8 satuan_barang	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	9 stok	text	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	10 tgl_input	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	11 tgl_update	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More

3.Tampilan Kategori

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_kategori	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nama_kategori	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 3	tgl_input	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

4. Tampilan Penjualan

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_penjualan	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	id_barang	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 3	id_member	int(11)			No	None			Change Drop More
<input type="checkbox"/> 4	jumlah	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 5	total	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 6	tanggal_input	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

5. Tampilan Nota

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_nota	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	id_barang	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 3	id_member	int(11)			No	None			Change Drop More
<input type="checkbox"/> 4	jumlah	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 5	total	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 6	tanggal_input	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 7	periode	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More

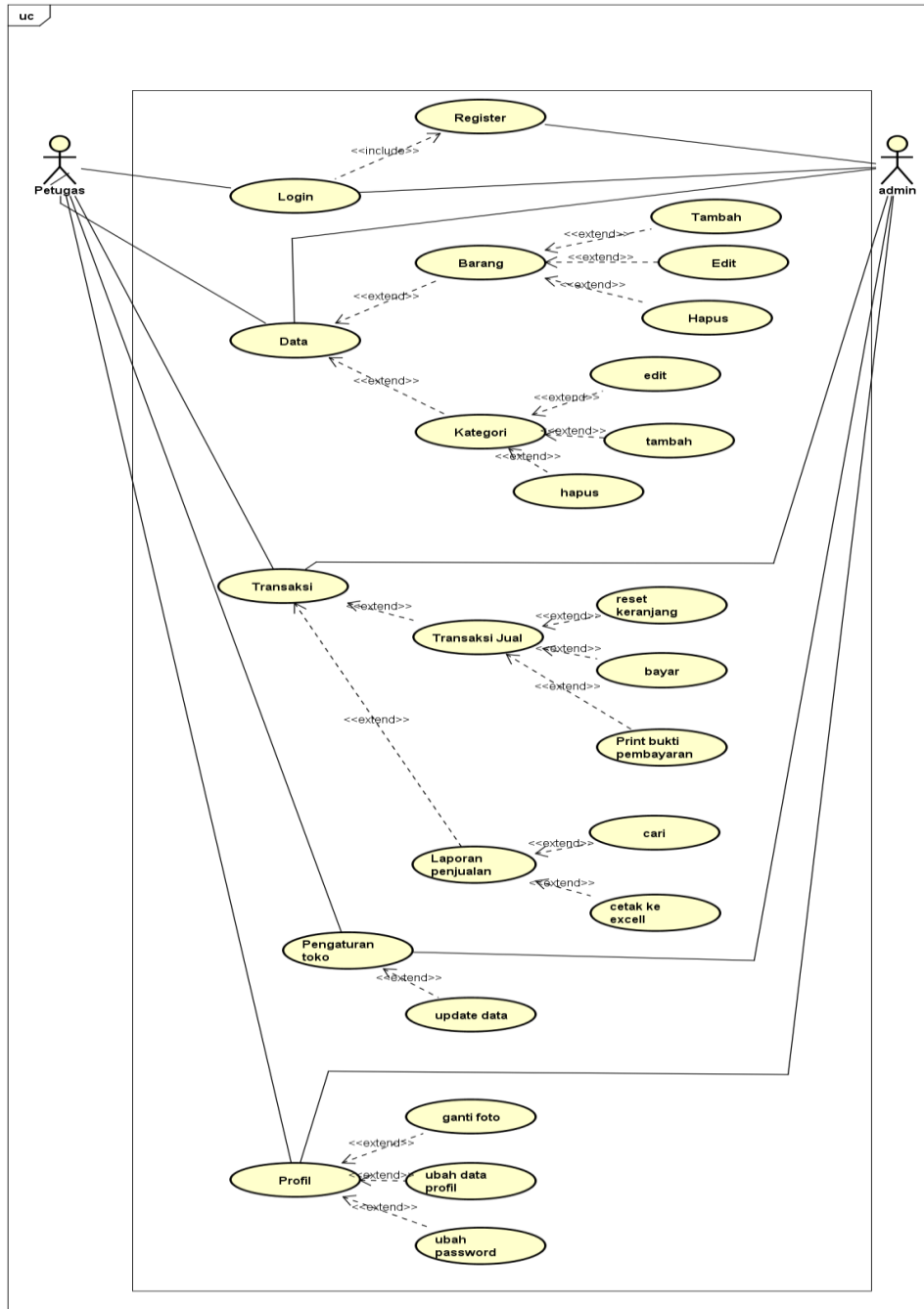
6. Tampilan Toko

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_toko	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nama_toko	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 3	alamat_toko	text	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 4	tlp	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 5	nama_pemilik	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

8. PERANCANGAN TAMPILAN ANTARMUKA (UI) WEB

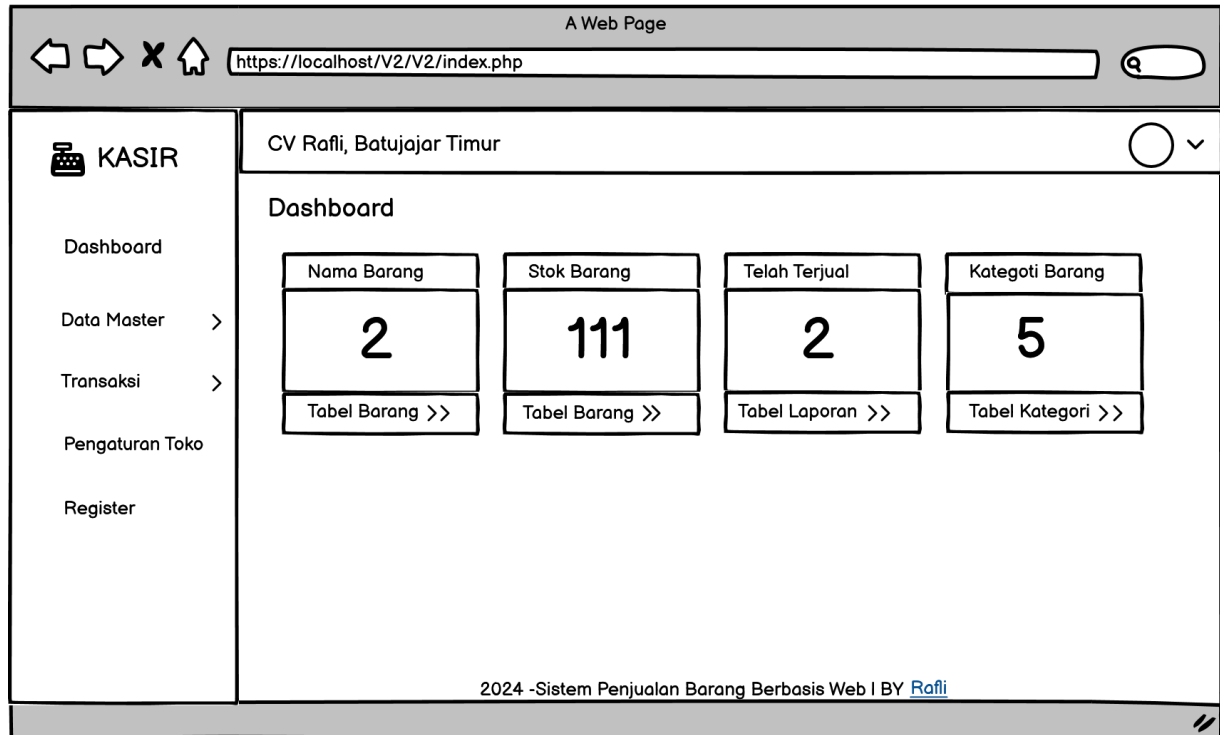
Aplikasi Web Kasir

1. Silahkan gambarkan use case diagram aplikasi yang kamu buat



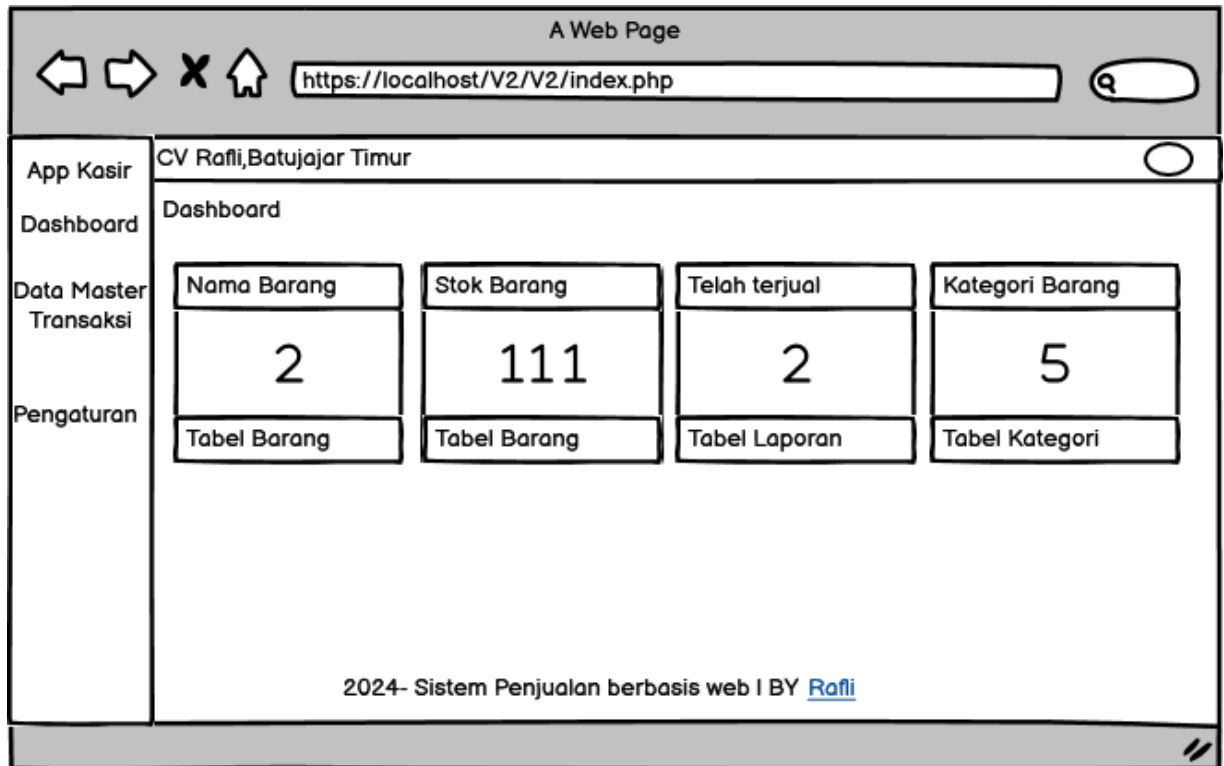
2. Admin dashboard

Tampilan untuk full manage semua data, buatn sketsa/mockup-nya

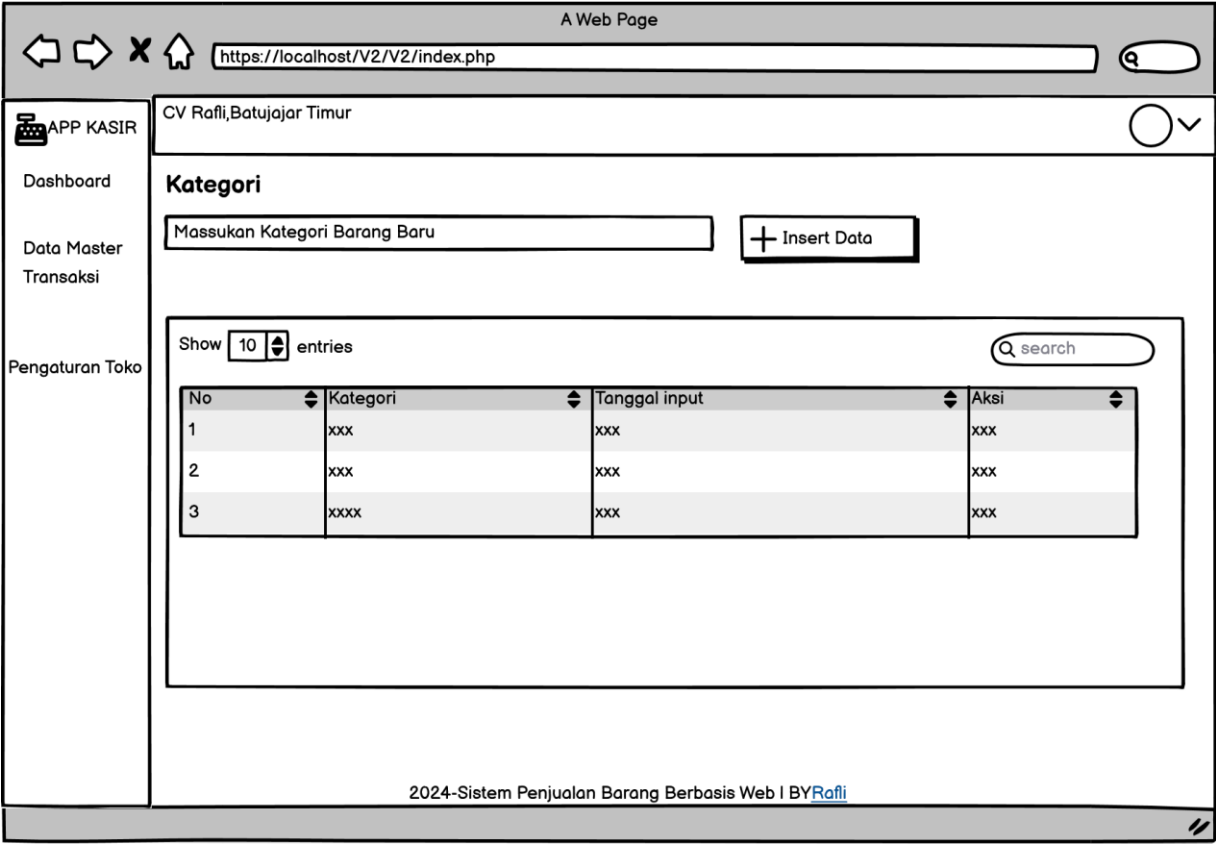


3. Tampilan Petugas

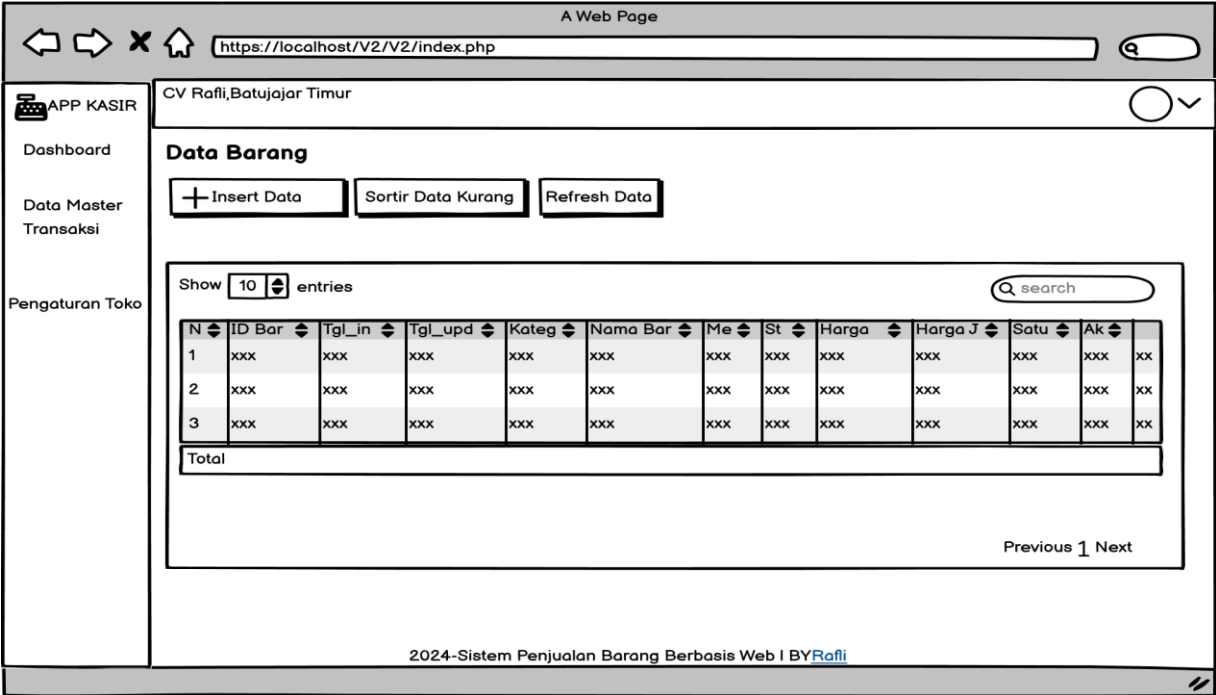
buatkan sketsa/mockup-nya



4. Tampilan Kategori



5. Tampilan Data Barang



6. Tampilan Transaksi Jual

A Web Page

CV Rafli,Batujujar Timur

Keranjang Penjualan

Cari Barang Hasil Pencarian

Masukan : Kode / Nama Barang

Kasir Reset Keranjang

Tanggal

Show entries

No	Nama Barang	Jumlah	Total	Kasir	Aksi
Showing 0 to 0 of 0 entries					

Total Bayar Bayar

Kembali

2024-Sistem Penjualan Barang Berbasis Web I BY Rafli

7. Tampilan Data laporan Penjualan

A Web Page

CV Rafli,Batujujar Timur

Data Laporan Penjualan 2024

Cari Laporan Per Bulan

pilih bulan pilih tahun aksi

pilih hari aksi

Show entries

No	ID Barang	Nama Barang	Jumlah	Modal	Total	Kasir	Tanggal input
1	xxx	xxx	xxx	xxx	xxx	xxx	xxx

Total Terjual

Showing 1 to 1 of 1 entries

2024- Sistem Penjualan berbasis web I BY Rafli

8. Tampilan Pengaturan Toko

A Web Page

https://localhost/V2/V2/index.php

APP KASIR

CV Rafli, Batujajar Timur

Dashboard

Data Master

Transaksi

Pengaturan Toko

Pengaturan Toko

Nama Toko	Kontak (Hp)
<input type="text" value="CV Rafli"/>	<input type="text" value="08123455667"/>
Alamat Toko	Nama Pemilik Toko
<input type="text" value="Batujajar Timur"/>	<input type="text" value="Rafli kamaludin"/>

2024-Sistem Penjualan Barang Berbasis Web I BY [Rafli](#)

9. Tampilan Register

A Web Page

https://localhost/V2/V2/register.php

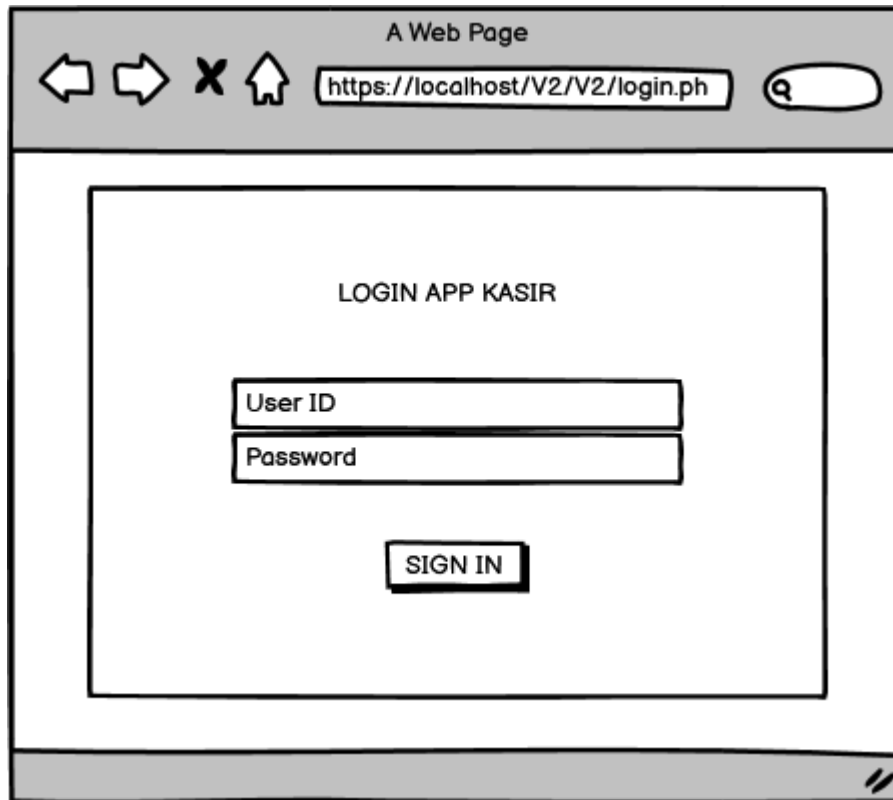
Register

<input type="text" value="Username"/>
<input type="text" value="Password"/>

LEVEL:

<input type="text" value="Admin"/>	▼
------------------------------------	---

10. Tampilan Login



9. PEMBUATAN STRUKTUR WEB (HTML)

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <meta name="description" content="">
  <meta name="author" content="">
  <title>Login - POS Codekop</title>
  <!-- Custom fonts for this template-->
  <link href="vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
  <link
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
  <!-- Custom styles for this template-->
  <link href="sb-admin/css/sb-admin-2.min.css" rel="stylesheet">
</head>
```

```

<body class="bg-dark">
  <div class="container">

    <!-- Outer Row -->
    <div class="row justify-content-center">
      <div class="col-md-5 mt-5">
        <div class="card o-hidden border-0 shadow-lg my-5">
          <div class="card-body p-0">
            <!-- Nested Row within Card Body -->
            <div class="p-5">
              <div class="text-center">
                <h4 class="h4 text-gray-900 mb-
4"><b>Login POS Codekop</b></h4>

                </div>
                <form class="form-login"
method="POST">

                  <div class="form-group">
                    <input type="text"
class="form-control form-control-user" name="user" placeholder="User ID" autofocus>
                  </div>
                  <div class="form-group">
                    <input type="password"
class="form-control form-control-user" name="pass" placeholder="Password">
                  </div>
                  <button class="btn btn-primary
btn-block" name="proses" type="submit"><i class="fa fa-lock"></i>
SIGN IN</button>

                </form>
                <div class="text-center">
                  <a class="small"
href="register.php">Create an Account!</a>

                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>

```

10. PEMBUATAN STYLE WEB (CSS)

```
body {
  margin: 0;
  font-family: "Nunito", -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto, "Helvetica Neue",
  Arial, sans-serif, "Apple Color Emoji", "Segoe UI Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-size: 1rem;
  font-weight: 400;
  line-height: 1.5;
  color: #858796;
  text-align: left;
  background-color: #fff;
}

[tabindex="-1"]:focus:not(:focus-visible) {
  outline: 0 !important;
}

hr {
  box-sizing: content-box;
  height: 0;
  overflow: visible;
}

h1, h2, h3, h4, h5, h6 {
  margin-top: 0;
  margin-bottom: 0.5rem;
}

p {
  margin-top: 0;
  margin-bottom: 1rem;
}

abbr[title],
abbr[data-original-title] {
  text-decoration: underline;
  -webkit-text-decoration: underline dotted;
  text-decoration: underline dotted;
  cursor: help;
  border-bottom: 0;
  -webkit-text-decoration-skip-ink: none;
  text-decoration-skip-ink: none;
}
```

```
}

address {
  margin-bottom: 1rem;
  font-style: normal;
  line-height: inherit;
}

ol,
ul,
dl {
  margin-top: 0;
  margin-bottom: 1rem;
}

ol ol,
ul ul,
ol ul,
ul ol {
  margin-bottom: 0;
}

dt {
  font-weight: 700;
}

dd {
  margin-bottom: .5rem;
  margin-left: 0;
}

blockquote {
  margin: 0 0 1rem;
}

b,
strong {
  font-weight: bolder;
}

small {
  font-size: 80%;
```

```

}

sub,
sup {
  position: relative;
  font-size: 75%;
  line-height: 0;
  vertical-align: baseline;
}

sub {
  bottom: -.25em;
}

sup {
  top: -.5em;
}

a {
  color: #4e73df;
  text-decoration: none;
  background-color: transparent;
}

```

11. PEMBUATAN KODE WEB (PHP/JS)

File index.php

```

<?php
/*
| Source Code Aplikasi Penjualan Barang Kasir dengan PHP & MYSQL
|
| @package   : pos-kasir-php
| @file      : index.php
| @author    : fauzan1892 / Fauzan Falah
| @copyright : Copyright (c) 2017-2021 Codekop.com (https://www.codekop.com)
| @blog      : https://www.codekop.com/read/source-code-aplikasi-penjualan-barang-kasir-
dengan-php-amp-mysql-gratis.html
|
|
|
|
*/

```

```

@ob_start();
session_start();

if (!empty($_SESSION['admin'])) {
    require 'config.php';
    include $view;
    $lihat = new view($config);
    $toko = $lihat->toko();
    // admin
    include 'admin/template/header.php';
    include 'admin/template/sidebar.php';
    if (!empty($_GET['page']) && file_exists('admin/module/' . $_GET['page'] .
'/index.php')) {
        include 'admin/module/' . $_GET['page'] . '/index.php';
    } else {
        include 'admin/template/home.php';
    }
    include 'admin/template/footer.php';
    // end admin
} else {
    header('location:login.php');
    exit;
}

```

File koneksi.php

```

<?php
/*
| Source Code Aplikasi Penjualan Barang Kasir dengan PHP & MYSQL
|
| @package : pos-kasir-php
| @file      : config.php ( untuk mengatur koneksi php ke database mysql )
| @author   : fauzan1892 / Fauzan Falah
| @copyright : Copyright (c) 2017-2021 Codekop.com (https://www.codekop.com)
| @blog     : https://www.codekop.com/read/source-code-aplikasi-penjualan-barang-kasir-
dengan-php-amp-mysql-gratis.html
|
|
| keterangan : untuk login aplikasi dengan username : admin dan password : 123
|
|
|

```

```

*/

date_default_timezone_set("Asia/Jakarta");
error_reporting(0);

// sesuaikan dengan server anda
$host = 'localhost'; // host server
$user = 'root'; // username server
$pass = ''; // password server, kalau pakai xampp kosongin saja
$dbname = 'raflikasir'; // nama database anda

try {
    $config = new PDO("mysql:host=$host;dbname=$dbname;", $user, $pass);
    //echo 'sukses';
} catch (PDOException $e) {
    echo 'KONEKSI GAGAL' . $e->getMessage();
}

$view = 'fungsi/view/view.php'; // direktori fungsi select data

```

CRUD file

Tambah

```

<?php

session_start();
if (!empty($_SESSION['admin'])) {
    require '../config.php';
    if (!empty($_GET['kategori'])) {
        $nama= htmlentities(htmlentities($_POST['kategori']));
        $tgl= date("j F Y, G:i");
        $data[] = $nama;
        $data[] = $tgl;
        $sql = 'INSERT INTO kategori (nama_kategori,tgl_input) VALUES(?,?)';
        $row = $config -> prepare($sql);
        $row -> execute($data);
        echo '<script>>window.location="' . ../index.php?page=kategori&&success=tambah-
data"</script>';
    }

    if (!empty($_GET['barang'])) {
        $id = htmlentities($_POST['id']);
        $kategori = htmlentities($_POST['kategori']);
    }
}

```



```

$nama = htmlentities($_POST['nama']);
$merk = htmlentities($_POST['merk']);
$beli = htmlentities($_POST['beli']);
$jual = htmlentities($_POST['jual']);
$satuan = htmlentities($_POST['satuan']);
$stok = htmlentities($_POST['stok']);
$ttl = htmlentities($_POST['ttl']);

$data[] = $id;
$data[] = $kategori;
$data[] = $nama;
$data[] = $merk;
$data[] = $beli;
$data[] = $jual;
$data[] = $satuan;
$data[] = $stok;
$data[] = $ttl;
$sql = 'INSERT INTO barang
(id_barang,id_kategori,nama_barang,merk,harga_beli,harga_jual,satuan_barang,stok,ttl_inpu
t)
VALUES (?,?,?,?,?,?,?,?,?)';

$row = $config->prepare($sql);
$row->execute($data);
echo '<script>window.location="../../index.php?page=barang&success=tambah-
data"</script>';
}

if (!empty($_GET['jual'])) {
    $id = $_GET['id'];

    // get tabel barang id_barang
    $sql = 'SELECT * FROM barang WHERE id_barang = ?';
    $row = $config->prepare($sql);
    $row->execute(array($id));
    $hsl = $row->fetch();

    if ($hsl['stok'] > 0) {
        $kasir = $_GET['id_kasir'];
        $jumlah = 1;
        $total = $hsl['harga_jual'];
        $ttl = date("j F Y, G:i");
    }
}

```

```

        $data1[] = $id;
        $data1[] = $kasir;
        $data1[] = $jumlah;
        $data1[] = $total;
        $data1[] = $tgl;

        $sql1 = 'INSERT INTO penjualan (id_barang,id_member,jumlah,total,tanggal_input)
VALUES (?, ?, ?, ?, ?)';
        $row1 = $config -> prepare($sql1);
        $row1 -> execute($data1);

        echo '<script>window.location="'.../index.php?page=jual&success=tambah-
data"</script>';
    } else {
        echo '<script>alert("Stok Barang Anda Telah Habis !");

        window.location="'.../index.php?page=jual#keranjang"</script>';
    }
}
}
}

```

Update

```

<?php
session_start();
if (!empty($_SESSION['admin'])) {
    require '../config.php';
    if (!empty($_GET['pengaturan'])) {
        $nama= htmlentities($_POST['namatoko']);
        $alamat = htmlentities($_POST['alamat']);
        $kontak = htmlentities($_POST['kontak']);
        $pemilik = htmlentities($_POST['pemilik']);
        $id = '1';

        $data[] = $nama;
        $data[] = $alamat;
        $data[] = $kontak;
        $data[] = $pemilik;
        $data[] = $id;
        $sql = 'UPDATE toko SET nama_toko=?, alamat_toko=?, tlp=?, nama_pemilik=? WHERE
id_toko = ?';
        $row = $config -> prepare($sql);
        $row -> execute($data);
    }
}

```

```

        echo '<script>window.location="../../index.php?page=pengaturan&success=edit-
data"</script>';
    }

    if (!empty($_GET['kategori'])) {
        $nama= htmlentities($_POST['kategori']);
        $id= htmlentities($_POST['id']);
        $data[] = $nama;
        $data[] = $id;
        $sql = 'UPDATE kategori SET nama_kategori=? WHERE id_kategori=?';
        $row = $config -> prepare($sql);
        $row -> execute($data);
        echo '<script>window.location="../../index.php?page=kategori&uid='.$id.'&success-
edit=edit-data"</script>';
    }

    if (!empty($_GET['stok'])) {
        $restok = htmlentities($_POST['restok']);
        $id = htmlentities($_POST['id']);
        $dataS[] = $id;
        $sqlS = 'select*from barang WHERE id_barang=?';
        $rowS = $config -> prepare($sqlS);
        $rowS -> execute($dataS);
        $hasil = $rowS -> fetch();

        $stok = $restok + $hasil['stok'];

        $data[] = $stok;
        $data[] = $id;
        $sql = 'UPDATE barang SET stok=? WHERE id_barang=?';
        $row = $config -> prepare($sql);
        $row -> execute($data);
        echo '<script>window.location="../../index.php?page=barang&success-stok=stok-
data"</script>';
    }

    if (!empty($_GET['barang'])) {
        $id = htmlentities($_POST['id']);
        $kategori = htmlentities($_POST['kategori']);
        $nama = htmlentities($_POST['nama']);
        $merk = htmlentities($_POST['merk']);
        $beli = htmlentities($_POST['beli']);
    }

```

```

$jual = htmlentities($_POST['jual']);
$satuan = htmlentities($_POST['satuan']);
$stok = htmlentities($_POST['stok']);
$ttl = htmlentities($_POST['ttl']);

$data[] = $kategori;
$data[] = $nama;
$data[] = $merk;
$data[] = $beli;
$data[] = $jual;
$data[] = $satuan;
$data[] = $stok;
$data[] = $ttl;
$data[] = $id;
$sql = 'UPDATE barang SET id_kategori=?, nama_barang=?, merk=?,
                                harga_beli=?, harga_jual=?, satuan_barang=?, stok=?,
                                ttl_update=? WHERE id_barang=?';
$row = $config -> prepare($sql);
$row -> execute($data);
echo
'<script>window.location="../../index.php?page=barang/edit&barang='.$id.'&success=edit-
data"</script>';
}

if (!empty($_GET['gambar'])) {
    $id = htmlentities($_POST['id']);
    set_time_limit(0);
    $allowedImageType = array("image/gif", "image/JPG", "image/jpeg", "image/pjpeg",
"image/png", "image/x-png", 'image/webp');
    $filepath = $_FILES['foto']['tmp_name'];
    $filesize = filesize($filepath);
    $fileinfo = finfo_open(FILEINFO_MIME_TYPE);
    $filetype = finfo_file($fileinfo, $filepath);
    $allowedTypes = [
        'image/png' => 'png',
        'image/jpeg' => 'jpg',
        'image/gif' => 'gif',
        'image/jpg' => 'jpeg',
        'image/webp' => 'webp'
    ];
    if(!in_array($filetype, array_keys($allowedTypes))) {

```

```

        echo '<script>alert("You can only upload JPG, PNG and GIF
file");window.location="../../index.php?page=user"</script>';
        exit;
    }else if ($_FILES['foto']['error'] > 0) {
        echo '<script>alert("You can only upload JPG, PNG and GIF
file");window.location="../../index.php?page=user"</script>';
        exit;
    } elseif (in_array($_FILES['foto']['type'], $allowedImageType)) {
        // echo "You can only upload JPG, PNG and GIF file";
        // echo "<font face='Verdana' size='2' ><BR><BR><BR>
        //          <a href='../../index.php?page=user'>Back to upform</a><BR>";
        echo '<script>alert("You can only upload JPG, PNG and GIF
file");window.location="../../index.php?page=user"</script>';
        exit;
    } elseif (round($_FILES['foto']['size'] / 1024) > 4096) {
        // echo "WARNING !!! Besar Gambar Tidak Boleh Lebih Dari 4 MB";
        // echo "<font face='Verdana' size='2' ><BR><BR><BR>
        //          <a href='../../index.php?page=user'>Back to upform</a><BR>";
        echo '<script>alert("WARNING !!! Besar Gambar Tidak Boleh Lebih Dari 4
MB");window.location="../../index.php?page=user"</script>';
        exit;
    } else {
        $dir = '../../assets/img/user/';
        $tmp_name = $_FILES['foto']['tmp_name'];
        $name = time().basename($_FILES['foto']['name']);
        if (move_uploaded_file($tmp_name, $dir.$name)) {
            //post foto lama
            $foto2 = $_POST['foto2'];
            //remove foto di direktori
            unlink('../../assets/img/user/'.$foto2.);
            //input foto
            $id = $_POST['id'];
            $data[] = $name;
            $data[] = $id;
            $sql = 'UPDATE member SET gambar=? WHERE member.id_member=?';
            $row = $config->prepare($sql);
            $row->execute($data);
            echo '<script>window.location="../../index.php?page=user&success=edit-
data"</script>';
        } else {
            echo '<script>alert("Masukan Gambar
!");window.location="../../index.php?page=user"</script>';

```

```

        exit;
    }
}
}

if (!empty($_GET['profil'])) {
    $id = htmlentities($_POST['id']);
    $nama = htmlentities($_POST['nama']);
    $alamat = htmlentities($_POST['alamat']);
    $telp = htmlentities($_POST['telp']);
    $email = htmlentities($_POST['email']);
    $nik = htmlentities($_POST['nik']);

    $data[] = $nama;
    $data[] = $alamat;
    $data[] = $telp;
    $data[] = $email;
    $data[] = $nik;
    $data[] = $id;
    $sql = 'UPDATE member SET nm_member=?,alamat_member=?,telepon=?,email=?,NIK=?
WHERE id_member=?';
    $row = $config -> prepare($sql);
    $row -> execute($data);
    echo '<script>window.location="../../index.php?page=user&success=edit-data"</script>';
}

if (!empty($_GET['pass'])) {
    $id = htmlentities($_POST['id']);
    $user = htmlentities($_POST['user']);
    $pass = htmlentities($_POST['pass']);

    $data[] = $user;
    $data[] = $pass;
    $data[] = $id;
    $sql = 'UPDATE member SET user=?,pass=md5(?) WHERE id_member=?';
    $row = $config -> prepare($sql);
    $row -> execute($data);
    echo '<script>window.location="../../index.php?page=user&success=edit-data"</script>';
}

if (!empty($_GET['jual'])) {
    $id = htmlentities($_POST['id']);

```

```

$id_barang = htmlentities($_POST['id_barang']);
$jumlah = htmlentities($_POST['jumlah']);

$sql_tampil = "select *from barang where barang.id_barang=?";
$row_tampil = $config -> prepare($sql_tampil);
$row_tampil -> execute(array($id_barang));
$hasil = $row_tampil -> fetch();

if ($hasil['stok'] > $jumlah) {
    $jual = $hasil['harga_jual'];
    $total = $jual * $jumlah;
    $data1[] = $jumlah;
    $data1[] = $total;
    $data1[] = $id;
    $sql1 = 'UPDATE penjualan SET jumlah=?,total=? WHERE id_penjualan=?';
    $row1 = $config -> prepare($sql1);
    $row1 -> execute($data1);
    echo '<script>>window.location="../../index.php?page=jual#keranjang"</script>';
} else {
    echo '<script>alert("Keranjang Melebihi Stok Barang Anda !");

    window.location="../../index.php?page=jual#keranjang"</script>';
}
}

if (!empty($_GET['cari_barang'])) {
    $cari = trim(strip_tags($_POST['keyword']));
    if ($cari == '') {
    } else {
        $sql = "select barang.*, kategori.id_kategori, kategori.nama_kategori
                from barang inner join kategori on barang.id_kategori
                = kategori.id_kategori
                where barang.id_barang like '%$cari%' or
                barang.nama_barang like '%$cari%' or barang.merk like '%$cari%'";
        $row = $config -> prepare($sql);
        $row -> execute();
        $hasil1= $row -> fetchAll();
        ?>

        <table class="table table-striped" width="100%" id="example2">
            <tr>
                <th>ID Barang</th>
                <th>Nama Barang</th>

```

```

                <th>Merk</th>
                <th>Harga Jual</th>
                <th>Aksi</th>
            </tr>
            <?php foreach ($hasil1 as $hasil) {?>
                <tr>
                    <td><?php echo $hasil['id_barang'];?></td>
                    <td><?php echo $hasil['nama_barang'];?></td>
                    <td><?php echo $hasil['merk'];?></td>
                    <td><?php echo $hasil['harga_jual'];?></td>
                    <td>
                        <a href="fungsi/tambah/tambah.php?jual=jual&id=<?php
echo $hasil['id_barang'];?>&id_kasir=<?php echo $_SESSION['admin']['id_member'];?>"
                        class="btn btn-success">
                            <i class="fa fa-shopping-cart"></i></a></td>
                </tr>
            <?php }?>
        </table>
    <?php
    }
}
}

```

Delete

```

<?php

session_start();
if (!empty($_SESSION['admin'])) {
    require '../config.php';
    if (!empty(htmlentities($_GET['kategori']))) {
        $id= htmlentities($_GET['id']);
        $data[] = $id;
        $sql = 'DELETE FROM kategori WHERE id_kategori=?';
        $row = $config -> prepare($sql);
        $row -> execute($data);
        echo '<script>>window.location="' . ../index.php?page=kategori&&remove=hapus-
data"</script>';
    }

    if (!empty(htmlentities($_GET['barang']))) {
        $id= htmlentities($_GET['id']);
        $data[] = $id;
    }
}

```



```

    $sql = 'DELETE FROM barang WHERE id_barang=?';
    $row = $config -> prepare($sql);
    $row -> execute($data);
    echo '<script>window.location="../../index.php?page=barang&&remove=hapus-
data"</script>';
}

if (!empty(htmlentities($_GET['jual']))) {
    $data[] = htmlentities($_GET['brg']);
    $sql = 'select * from barang where id_barang=?';
    $row = $config -> prepare($sql);
    $row -> execute($data);
    $hasil = $row -> fetch();

    /*$jml = htmlentities($_GET['jml']) + $hasil['stok'];

    $dataU[] = $jml;
    $dataU[] = htmlentities($_GET['brg']);
    $sqlU = 'UPDATE barang SET stok=? where id_barang=?';
    $rowU = $config -> prepare($sqlU);
    $rowU -> execute($dataU);*/

    $id = htmlentities($_GET['id']);
    $data[] = $id;
    $sql = 'DELETE FROM penjualan WHERE id_penjualan=?';
    $row = $config -> prepare($sql);
    $row -> execute($data);
    echo '<script>window.location="../../index.php?page=jual"</script>';
}

if (!empty(htmlentities($_GET['penjualan']))) {
    $sql = 'DELETE FROM penjualan';
    $row = $config -> prepare($sql);
    $row -> execute();
    echo '<script>window.location="../../index.php?page=jual"</script>';
}

if (!empty(htmlentities($_GET['laporan']))) {
    $sql = 'DELETE FROM nota';
    $row = $config -> prepare($sql);
    $row -> execute();
    echo '<script>window.location="../../index.php?page=laporan&remove=hapus"</script>';
}

```

```

}
}

```

12.UJICOPA

A. Pengujian *form login* Admin

No.	Skenario Pengujian	<i>Test Case</i>	Hasil yang Diharapkan	Hasil Pengujian	Kesimpulan
1	<i>Username</i> dan <i>Password</i> tidak diisi kemudian klik tombol Login	Username: (kosong) Password: (kosong)	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
2	Mengetikkan <i>Username</i> , dan <i>password</i> tidak diisi atau kosong kemudian klik tombol Login	Username: admin Password: (kosong)	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
3	Mengetikkan <i>Password</i> , dan <i>username</i> tidak diisi atau kosong kemudian klik tombol Login	Username: (kosong) Password: 1234	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
4	Mengetikkan <i>Username</i> dan/atau <i>password</i> tidak sesuai, kemudian klik tombol Login	Username: admin Password: 123	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
5	Mengetikkan <i>Username</i> dan <i>password</i> (diisi), kemudian klik tombol Login	Username: admin Password: 1234	Sistem menerima akses login dan kemudian menampilkan halaman utama Admin	Sesuai harapan	Valid

B. Pengujian *form login* Petugas

No.	Skenario Pengujian	<i>Test Case</i>	Hasil yang Diharapkan	Hasil Pengujian	Kesimpulan
1	<i>Username</i> dan <i>Password</i> tidak diisi kemudian klik tombol Login	Username: (kosong) Password: (kosong)	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid

2	Mengetikkan Username, dan password tidak diisi atau kosong kemudian klik tombol Login	Username: petugas Password: (kosong)	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
3	Mengetikkan Password, dan username tidak diisi atau kosong kemudian klik tombol Login	Username: (kosong) Password: 200	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
4	Mengetikkan Username dan/atau password tidak sesuai, kemudian klik tombol Login	Username: Petugas Password: 134	Sistem akan menolak dan menampilkan pesan “Login Gagal”	Sesuai harapan	Valid
5	Mengetikkan Username dan password (diisi), kemudian klik tombol Login	Username: petugas Password: petugas	Sistem menerima akses login dan kemudian menampilkan halaman utama Admin	Sesuai harapan	Valid

C. Pengujian *form* Tambah Barang

No.	Skenario Pengujian	<i>Test Case</i>	Hasil yang Diharapkan	Hasil Pengujian	Kesimpulan
1	Id Barang, Kategori, Nama Barang, Merk Barang, Harga Beli, Harga Jual, Satuan Barang, Stok, Tanggal Input, kemudian klik tombol Insert Data	Menekan Tombol Tambah Data tanpa mengisi data	Sistem akan menolak dan menampilkan pesan “Please fill out this field”	Sesuai harapan	Valid

2	Id Barang, Kategori, Nama Barang, Merk Barang, Harga Beli, Harga Jual, Satuan Barang, Stok, Tanggal Input, kemudian klik tombol Insert Data	Menekan Tombol Tambah Data dengan hanya Sebagian data yang diisi	Sistem akan menolak dan menampilkan pesan “Please fill out this field”	Sesuai harapan	Valid
3	Id Barang, Kategori, Nama Barang, Merk Barang, Harga Beli, Harga Jual, Satuan Barang, Stok, Tanggal Input, kemudian klik tombol Insert Data	Menekan Tombol Tambah Data Saat Semua Data Sudah Diisi	Sistem akan menolak dan menampilkan pesan “Tambah Data Berhasil”	Sesuai harapan	Valid

D. Pengujian *form* Transaksi Jual

No.	Skenario Pengujian	<i>Test Case</i>	Hasil yang Diharapkan	Hasil Pengujian	Kesimpulan
1	Mengisi Kode Barang lalu Menekan Tombol Bayar	Kode Barang Tidak Diisi	Sistem Tidak Akan Menampilkan Apa-Apa	Sesuai harapan	Valid
2	Mengisi Kode Barang lalu Menekan Tombol Bayar	Sudah Mengisi Kode Barang Tapi Uang User Kurang	Sistem akan menampilkan pesan “Uang Kurang ! Rp.-”	Sesuai harapan	Vaid
3	Mengisi Kode Barang lalu Menekan Tombol Bayar	Sudah Mengisi Kode Barang dan Uang User Pas/Lebih dari Jumlah Harga Barang	Sistem akan menampilkan pesan “Belanjaan Berhasil Di Bayar !”		

13. REVISI

14. PENENTUAN DOMAIN DAN HOSTING

15. UPLOAD WEB KE HOSTING

<https://rafliikasir.000webhostapp.com/login.php>

16. UPLOAD WEB KE GITHUB

<https://github.com/Raflikamaludin/APK-kasir>

17. PEMBUATAN USER GUIDANCE

KESIMPULAN

Aplikasi web kasir merupakan salah satu aplikasi yang terdapat data barang, kategori, keranjang penjualan. Aplikasi ini memfokuskan untuk pembayaran. Saya membuat web ini dengan Visual studio code dan Xampp adapun aplikasi tambahan untuk membuat laporan yaitu balsamiq untuk membuat mockup nya dan astah untuk membuat use case diagram dan activity diagram.