DOKUMENTASI PERANGKAT LUNAK (DPL)

**Aplikasi Akademik FTIS (Jadwal Ujian)**

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Projek Akhir Pemrograman Berbasis Web

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JURUSAN INFORMATIKA

FAKULTAS TEKNIK INFORMATIKA DAN SAINS

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1. Introduction

## 1.1 Latar Belakang

Tujuan kami membuat website ini bertujuan untuk mempermudah para TU FTIS UNPAR untuk memberikan jadwal kepada para dosen dan mahasiswa. Yang akan menjadi user pada website kami adalah dosen dan mahasiswa, sedangkan adminnya adalah dosen TU FTIS UNPAR.

Dokumen ini akan digunakan sebagai bahan acuan dalam proses pengembangan dan sebagai bahan evaluasi saat pengembangan website. Dokumen ini akan memberikan informasi informasi penting terkait dengan website kami. Seperti tujuan website ini dibuat, fitur-fitur yang tersedia, UI dari website, dan potongan kode website kami.

# 2. Overall Description

## 2.1 Fitur

Aplikasi ini memiliki beberapa fungsi yang dapat digunakan oleh *user* antara lain:

* *Log in* / *Register*.
* *Log out*.
* Edit *Profile*.
* Lihat Jadwal Ujian UTS/UAS*.*
* Melihat 5 ujian terdekat.
* Melihat jadwal pada semester 1/2/3/dst.
* Edit jadwal.
* Tambah jadwal.
* Hapus Jadwal

## 2.2 Tambahan

*Kami menambah atribut jumlahPeserta pada tabel ujian di database, untuk menghitung brp banyak sisa kuota untuk ruangan tersebut.*

## 2.3 Tipe User

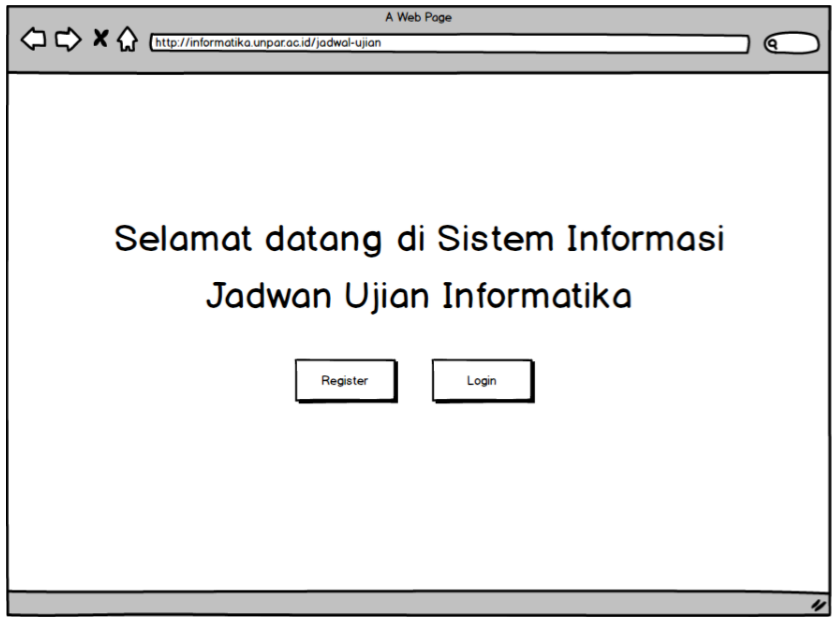
* *Admin*
* *User*

# 

# 3. External Interface Requirements

## 3.1 User Interfaces (MOCKUPS)

* ­Halaman utama



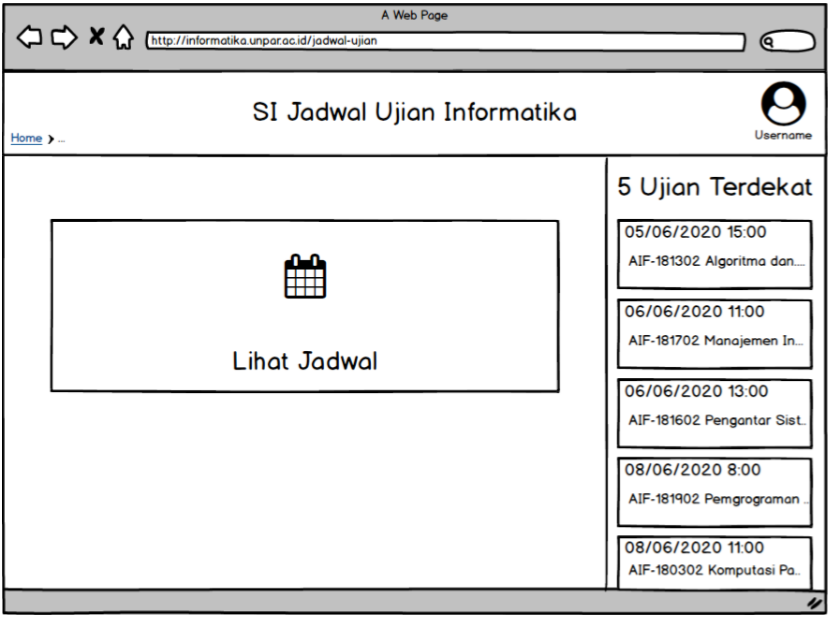
* Halaman Login

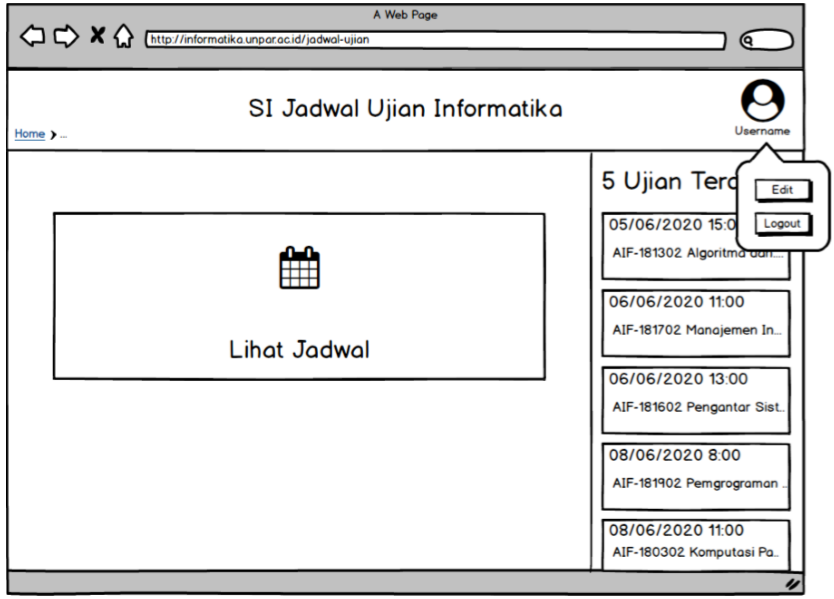


* Halaman Register

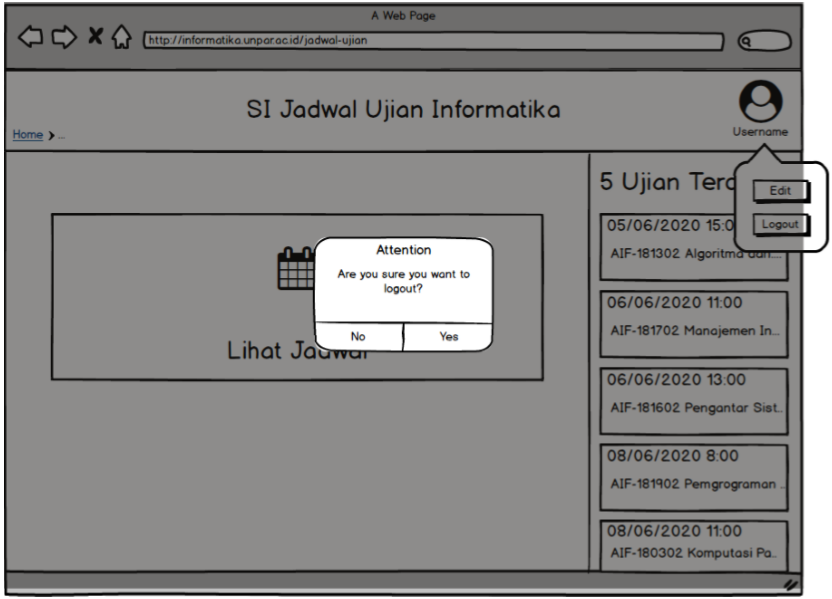


* Halaman Jadwal Ujian

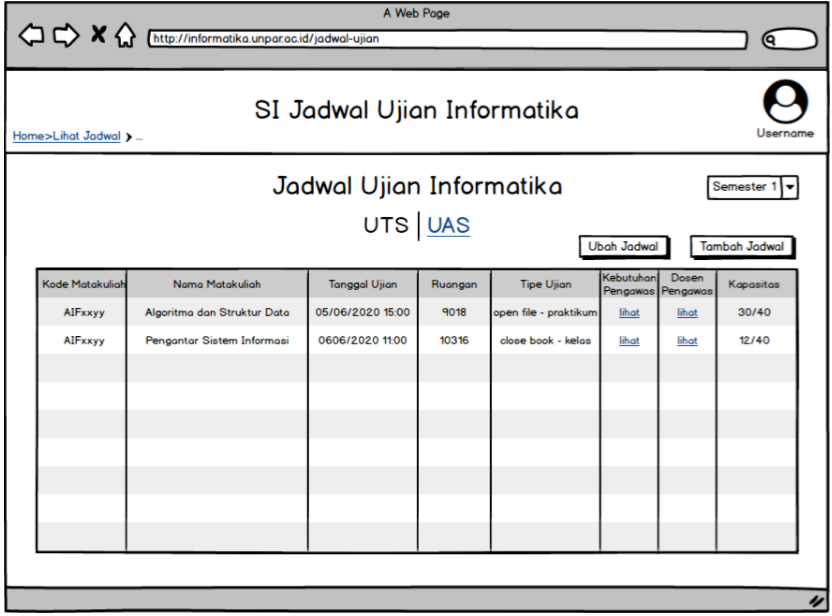




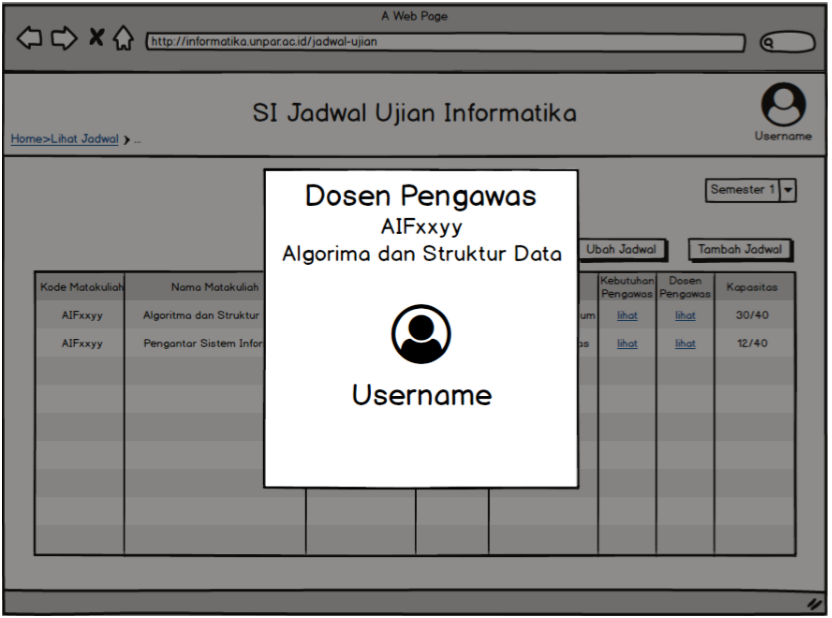
* Pop-Up Logout



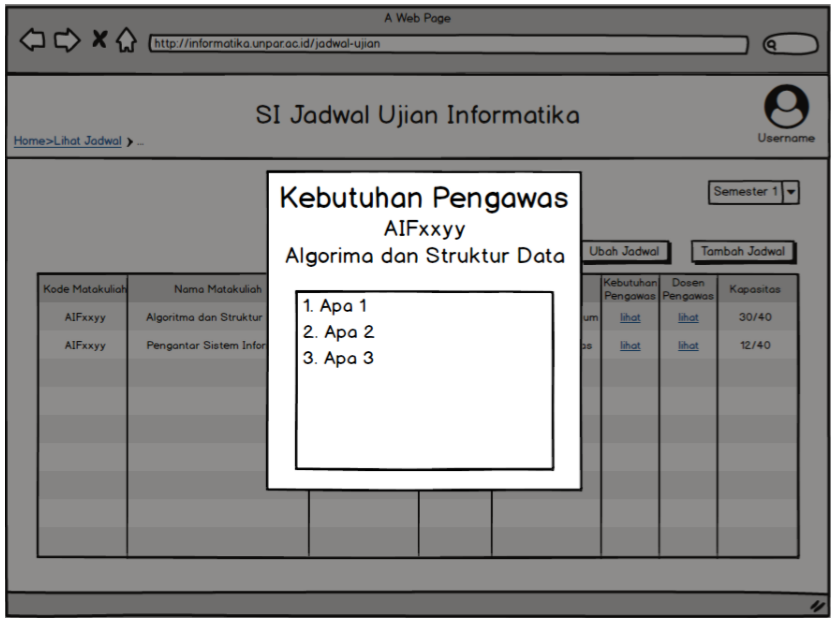
* Halaman Lihat Jadwal

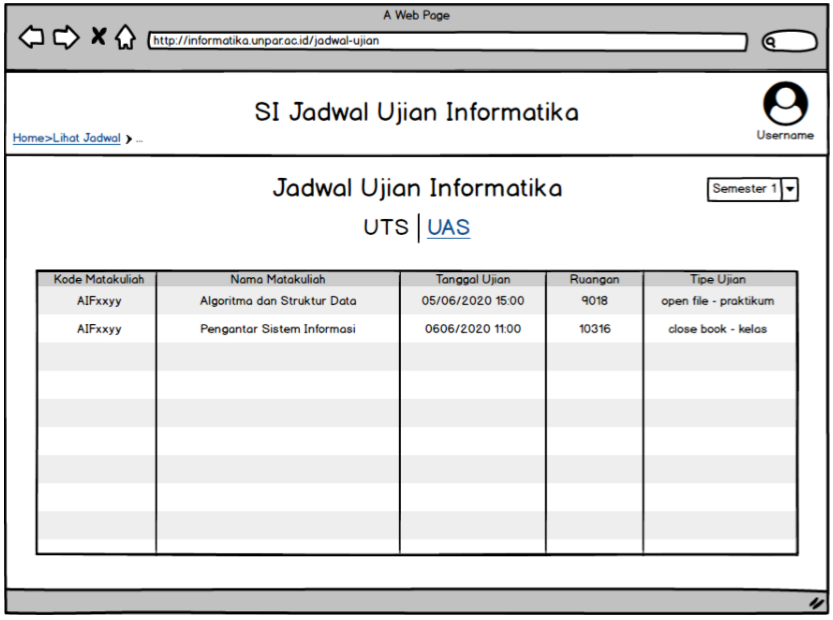


* Pop-Up Dosen Pengawas

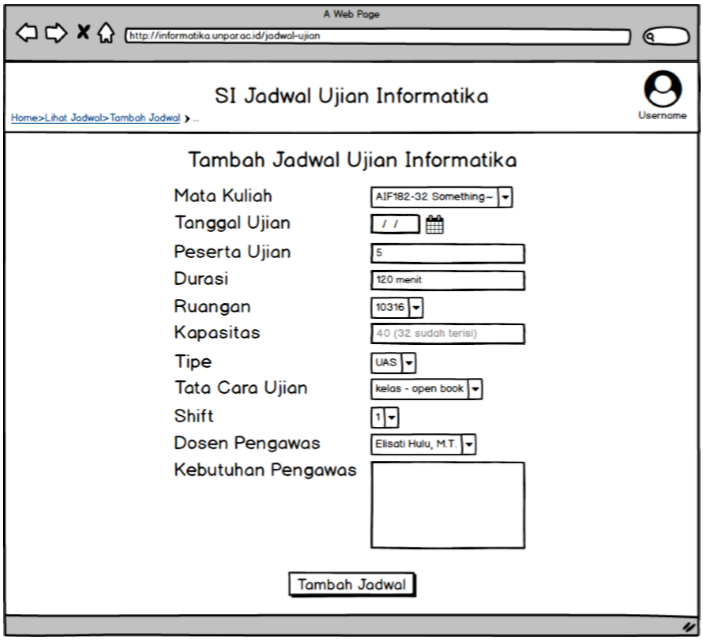


* Pop-Up Kebutuhan Pengawas

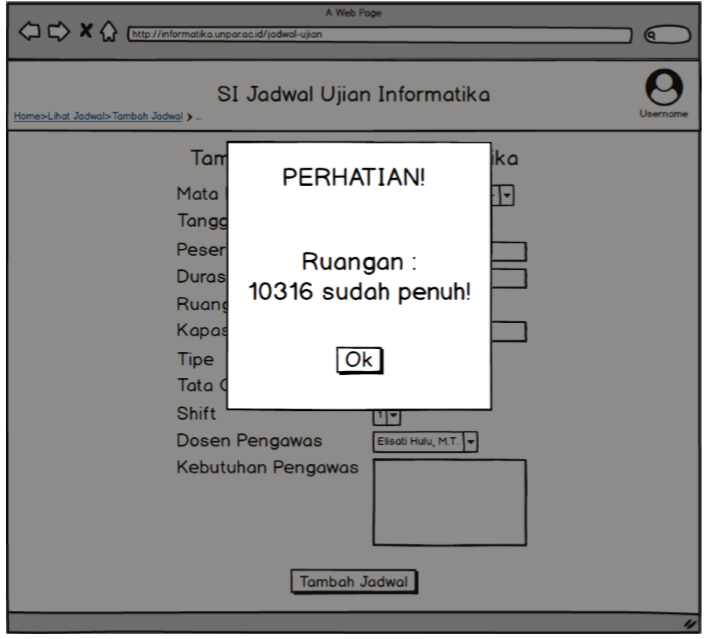




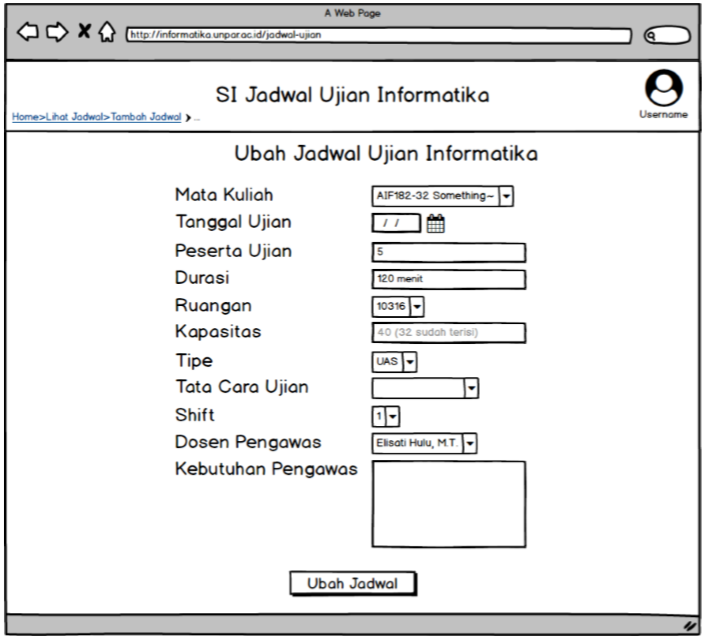
* Halaman Tambah Jadwal



* Pop-Up Message



* Halaman Ubah Jadwal



# 4. System Features

## 4.1 Login

#### 4.1.1 Description and Priority

Agar user dapat masuk ke dalam website.

## 4.2 Register (User)

#### 4.2.1 Description and Priority

Agar user dapat memasukan data diri ke database, agar dapat masuk ke website  
 jika user belum pernah mendaftarkan diri.

## 4.3 Melihat Jadwal Terdekat(User)

#### 4.3.1 Description and Priority

agar user dapat melihat ada 5 ujian apa yang paling dekat untuk disiapkan

## 4.4 Lihat Jadwal Lihat (User & Admin)

#### 4.4.1 Description and Priority

*User* dan Admin dapat melihat jadwal ujian yang ada dan melihat jadwal mana yang ada di semester X, dan apakah jadwal tersebut UTS/ UAS.

## 4.5 Input Jadwal Ujian (Admin)

#### 4.5.1 Description and Priority

#### agar admin dapat menambahkan jadwal ujian jika ada jadwal ujian yang terlambat masuknya atau ada alasan lain.

## 4.6 Edit Jadwal Ujian (Admin)

#### 4.6.1 Description and Priority

Agar admin dapat mengedit jadwal jika terjadinya kesalahan meng-input atau alasan   
 lainnya

## 4.7 Edit Profile (User & Admin)

#### 4.7.1 Description and Priority

Agar user dapat mengganti password

## 4.8 Hapus Ujian (Admin)

#### 4.8.1 Description and Priority

Admin dapat menghapus jadwal ujian yang sudah terdaftar

## 4.9 Logout

#### 4.9.1 Description and Priority

agar user dapat keluar dari website.

# 

# 5. Lampiran Kode

5.1 Model

5.1.1 Dosen.php

<?php

    class Dosen {

        protected $dosen\_id;

        protected $listMK;

        public function \_\_construct($id,$mk) {

            $this->dosen\_id = $id;

            $this->listMK = $mk;

        }

        public function getMK() {

            return $this->listMK;

        }

        public function getId() {

            return $this->dosen\_id;

        }

    }

?>

5.1.2 Jadwal.php

<?php

    class Jadwal {

        protected $id;

        protected $kodeMatakuliah;

        protected $namaMatakuliah;

        protected $tanggalUjian;

        protected $ruangan;

        protected $tipeUjian;

        protected $dosenPengawas;

        protected $shift;

        public function \_\_construct($id,$kode, $nama, $tanggal, $ruangan, $tipe, $dosen, $kapasitas,$shift) {

            $this->id = $id;

            $this->kodeMatakuliah = $kode;

            $this->namaMatakuliah = $nama;

            $this->tanggalUjian = $tanggal;

            $this->ruangan = $ruangan;

            $this->tipeUjian = $tipe;

            $this->dosenPengawas = $dosen;

            $this->kapasitas = $kapasitas;

            $this->shift = $shift;

        }

        public function getId() {

            return $this->id;

        }

        public function getKodeMK() {

            return $this->kodeMatakuliah;

        }

        public function getNamaMK() {

            return $this->namaMatakuliah;

        }

        public function getTanggal() {

            return $this->tanggalUjian;

        }

        public function getRuangan() {

            return $this->ruangan;

        }

        public function getTipe() {

            return $this->tipeUjian;

        }

        public function getDosen() {

            return $this->dosenPengawas;

        }

        public function getKapasitas() {

            return $this->kapasitas;

        }

        public function getShift() {

            return $this->shift;

        }

    }

?>

5.1.3 Matakuliah.php

<?php

    class Matakuliah {

        protected $kodeMatakuliah;

        protected $namaMatakuliah;

        protected $programStudi;

        protected $tingkat;

        protected $dosen;

        public function \_\_construct($kode, $nama, $ps, $t) {

            $this->kodeMatakuliah = $kode;

            $this->namaMatakuliah = $nama;

            $this->programStudi = $ps;

            $this->tingkat = $t;

            $this->dosen = [];

        }

        public function getNamaMK() {

            return $this->namaMatakuliah;

        }

        public function setDosen($arr) {

            $this->ruangan = $arr;

        }

        public function getDosen() {

            return $this->ruangan;

        }

        public function getKodeMK() {

            return $this->kodeMatakuliah;

        }

    }

?>

5.1.4 Peek Jadwal

<?php

    class Peek {

        protected $kodeMatakuliah;

        protected $namaMatakuliah;

        protected $mulaiUjian;

        protected $selesaiUjian;

        protected $ruangan;

        public function \_\_construct($kode, $nama, $mulai, $selesai, $ruangan) {

            $this->kodeMatakuliah = $kode;

            $this->namaMatakuliah = $nama;

            $this->mulaiUjian = $mulai;

            $this->selesaiUjian = $selesai;

            $this->ruangan = $ruangan;

        }

        public function getKodeMK() {

            return $this->kodeMatakuliah;

        }

        public function getNamaMK() {

            return $this->namaMatakuliah;

        }

        public function getMulai() {

            return $this->mulaiUjian;

        }

        public function getRuangan() {

            return $this->ruangan;

        }

        public function getSelesai() {

            return $this->selesaiUjian;

        }

    }

?>

5.1.5 Ruang.php

<?php

    class Ruang {

        protected $kodeRuangan;

        protected $namaRuangan;

        protected $kapasitas;

        public function \_\_construct($kode, $nama, $kapasitas) {

            $this->kodeRuangan = $kode;

            $this->namaRuangan = $nama;

            $this->kapasitas = $kapasitas;

        }

        public function getKodeRuangan() {

            return $this->kodeRuangan;

        }

    }

?>

5.1.6 User.php

    <?php

    class User {

        protected $id;

        protected $username;

        protected $password;

        protected $role;

        public function \_\_construct($i, $u, $p, $r) {

            $this->id = $i;

            $this->username = $u;

            $this->password = $p;

            $this->role = $r;

        }

    }

?>

5.2 View

5.2.1 Style.css

.atasan{

    border-bottom: 4px solid black;

}

.card{

    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);

    transition: 0.3s;

    width: 40%;

    border-radius: 5px;

}

.container {

    margin-left: 1.5vw;

}

.modal{

    display: none; /\* Hidden by default \*/

    position: fixed; /\* Stay in place \*/

    z-index: 1; /\* Sit on top \*/

    left: 0;

    top: 0;

    right:0;

    width: 100%; /\* Full width \*/

    height: 100%; /\* Full height \*/

}

.modal-content{

    margin: auto;

    display: block;

    width: 80%;

    max-width: 700px;

}

#tulisanJadwal{

    text-align: center;

}

#cardUjian{

    text-align: center;

    margin-left:50%;

    margin: auto;

    width: 25vw;

    height: 6vh;

    border: 1px solid black;

}

#userOption{

    width: 4vw;

    height:8vh;

    position: fixed;

    right: 4.5vw;

    top: 11vh;

}

#userOptionButtonLogout{

    padding: 5px;

    width: 5vw;

    margin: 3px;

}

#userOptionButtonEdit{

    padding: 5px;

    width: 5vw;

    margin: 3px;

}

#linkHeader{

    text-decoration: none;

    color: black;

    padding: 0;

    margin: 0;

}

#avatImg{

    float: right;

    width: 50px;

    height: 50px;

    margin-right: 2.3vw;

    margin-bottom: 1vh;

}

#rightNav{

    float: right;

    height: 100%;

    border-left: 4px solid black;

    width: 25%;

}

#tableJadwal{

    border: 1px solid black;

    padding: 20px;

    text-align: center;

}

#td1{

    width: 20%;

}

#td2{

    width: 20%;

}

#td3{

    width: 1%;

}

#tdTengah{

    width: 60%;

}

#tr1{

    height: 15vh;

}

#tr2{

    height: 30vh;

    width: 40vw;

}

5.2.2 AjaxRegis.js

var username = document.getElementById("usernameRegis");

var auth = document.getElementById("auth");

username.addEventListener('keyup', function(){

    var xhr = new XMLHttpRequest();

    xhr.onreadystatechange = function(){

        if(xhr.readyState==4 && xhr.status == 200){

            auth.innerHTML = xhr.responseText;

            if(username.value.length>=8 && auth.textContent == "Username Bisa Digunakan"){

                auth.style.color = 'green';

            }else{

                auth.style.color='red';

            }

            if(username.value == "" || username.value.length<8){

                auth.textContent="";

            }

        }

    }

    xhr.open("GET",'controller/services/checkUsername.php?usr='+ username.value, true);

    xhr.send();

})

5.2.3 InputJadwal.js

class inputJadwal{

    constructor(){

        this.checkTanggal = false;

        this.checkWaktu = false;

        this.peserta = false;

        this.durasi = false;

        this.kebutuhan = false;

    }

    validateUsername(){

        let length = this.username.value.length;

        let checked = true;

        for(let i = 0 ; i<length;i++){

            if(this.username.value[i]==" "){

                checked = false;

                this.username.classList.add("backgroundCekInput");

            }

        }

        if(length>=8 && checked){

            this.username.classList.remove("backgroundCekInput");

            this.checkUser=true;

        }else{

            this.username.classList.add("backgroundCekInput");

            this.checkUser=false;

        }

        if(length==0){

            this.username.classList.remove("backgroundCekInput");

            this.checkUser=false;

        }

    }

    validatePassword(){

        if(this.password.value.length>=8){

            this.password.classList.remove("backgroundCekInput");

            this.checkPass = true;

        }else{

            this.password.classList.add("backgroundCekInput");

            this.checkPass = false;

        }

        if(this.password.value.length==0){

            this.password.classList.remove("backgroundCekInput");

            this.checkPass = false;

        }

    }

}

5.2.4 InputRegis.js

class inputRegister{

    constructor(username,password){

        this.username = username;

        this.username.addEventListener("keyup",this.validateUsername.bind(this));

        this.password = password;

        this.password.addEventListener("keyup",this.validatePassword.bind(this));

        // this.confirmPassword = confirmPassword;

        // this.nama.addEventListener("keyup",this.validateConfirmPassword.bind(this));

        this.checkUser = false;

        this.checkPass = false;

        // this.checkConPass = false;

    }

    validateUsername(){

        let length = this.username.value.length;

        let checked = true;

        for(let i = 0 ; i<length;i++){

            if(this.username.value[i]==" "){

                checked = false;

                this.username.classList.add("backgroundCekInput");

            }

        }

        if(length>=8 && checked){

            this.username.classList.remove("backgroundCekInput");

            this.checkUser=true;

        }else{

            this.username.classList.add("backgroundCekInput");

            this.checkUser=false;

        }

        if(length==0){

            this.username.classList.remove("backgroundCekInput");

            this.checkUser=false;

        }

    }

    validatePassword(){

        if(this.password.value.length>=8){

            this.password.classList.remove("backgroundCekInput");

            this.checkPass = true;

        }else{

            this.password.classList.add("backgroundCekInput");

            this.checkPass = false;

        }

        if(this.password.value.length==0){

            this.password.classList.remove("backgroundCekInput");

            this.checkPass = false;

        }

    }

5.2.5 Jadwal.js

class Jadwal{

    constructor(){

        this.button = document.getElementById("tambahUjian");

        this.button.addEventListener("click",this.clicked.bind(this));

        this.form = document.querySelectorAll("form input");

        this.check = new inputRegister(this.form[0],this.form[1]);

    }

    clicked(event){

        if(!this.check.checkUser && !this.check.checkPass){

            alert("Salah satu field belum diisi!");

            event.preventDefault();

        }

    }

}

5.2.6 Login.js

class Login{

    constructor(){

        this.button = document.getElementById("buttonLogin");

        this.button.addEventListener("click",this.clicked.bind(this));

        this.form = document.querySelectorAll("form input");

        this.check = new input(this.form[0],this.form[1]);

    }

    clicked(event){

        if(!this.check.user && !this.check.pass){

            alert("Username / Password ada yang salah");

            event.preventDefault();

        }

    }

}

5.2.7 regis.js

class Register{

    constructor(){

        this.button = document.getElementById("registerButton");

        this.button.addEventListener("click",this.clicked.bind(this));

        this.form = document.querySelectorAll("form input");

        this.check = new inputRegister(this.form[0],this.form[1]);

    }

    clicked(event){

        if(!this.check.checkUser && !this.check.checkPass){

            alert("Salah satu field tidak diisi dengan benar!");

            event.preventDefault();

        }

    }

}

5.2.8 scriptJadwal.js

new Jadwal();

5.2.9 scriptRegis.js

new Register();

5.2.10 layout.php

<!DOCTYPE html>

<html>

<head>

    <link rel="stylesheet" type="text/css" href="view/css/style.css">

</head>

<body>

    <?php echo $content; ?>

</body>

</html>

5.2.11 editProfile.php

<?php

    session\_start();

    $user = $\_SESSION['currUsername'];

    $status = $\_SESSION['status'];

    if($status=="admin"){

        $status = "Admin";

    }

    else{

        $status = "Mahasiswa";

    }

    session\_write\_close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <link rel="stylesheet" type="text/css" href="view/css/style.css">

    <script src="view/js/ajaxEditPassword.js"defer></script>

</head>

<body>

    <div class="atasan">

        <table style="width: 100%">

            <tr>

                <td id="td1"> </td>

                <td id="tdTengah">

                    <h1 id="tulisanJadwal">SI Jadwal Ujian Informatika</h1>

                </td>

                <td id="td2">

                    <div onclick="optionsMenu()" class="card" style="float:right; padding-right:2.2vw; box-shadow:none;">

                        <div class="container">

                            <p id="username"><?php echo $user?></p>

                            <p><?php echo $status?></p>

                        </div>

                    </div>

                    <div id="userOption" onclick="optionsMenu()" style="display: none">

                        <div class="card" style="width: 5.5vw; padding: 10px; background-color: white">

                        <form action="editProfile" method="POST">

                            <input id="userOptionButtonEdit" class="card" type="submit" value="Edit"> <br>

                        </form>

                        <form action="login" method="GET">

                        <input id="userOptionButtonLogout" class="card" type="submit" value="Logout">

                        </form>

                        </div>

                    </div>

                    <!-- Modal Logout -->

                    <div class="modal" id="modalLogout">

                        <div style="width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.9)">

                            <span class="close">&times;</span>

                            <div class="modal-content">

                                <div class="card" id="isiModalLogout" style="background-color: white; width: 100%; height: 20vh; text-align: center; margin-top: 30vh;">

                                    <span style="margin-top:100px">Attention</span>

                                    <div class="container" style="margin:3%">

                                        <span>Are you sure you want to logout?</span>

                                    </div>

                                    <div>

                                        <div style="width:50%; height:100%; border: 1px solid black; text-align: center; display: inline-block; overflow: hidden;">

                                            <input type="button" value="No" style="height: 100%; width: 50%">

                                        </div>

                                        <div style="width:49.5%; height:20%; border: 1px solid black; text-align: center; display: inline-block; overflow: visible; float: inline-end">

                                            <input type="button" value="Yes" style="height: 100%; width: 50%">

                                        </div>

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </td>

            </tr>

            <tr>

                <td id="td1"><a id="linkHeader" href="index">Home</a><span></span>

                <span>></span><a id="linkHeader" href="#">Edit Profile</a></td>

            </tr>

        </table>

    </div>

    <form action="ubahPassword" method="POST">

        <h2 style="text-align: center">Edit Profile</h2>

    <div style="margin-top: 7vh">

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Username</label></div>

            <div><span><?php

                session\_start();

                $uname = $\_SESSION['currUsername'];

                echo $uname;

                session\_write\_close();

            ?></span></div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Old Password</label></div>

            <div><input id="oldPas" type="password" name="oldPass" style="width: 150px"></div>

            <span id="auth"></span>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>New Password</label></div>

            <div><input type="password" name="newPass" style="width: 150px"></div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: space-around">

            <input id="ConfirmEdit" type="submit" name="EditUser" value="Confirm Edit">

        </div>

        <br>

</div>

    </form>

    <div style="display: flex; flex-direction: row; justify-content: space-around">

            <button onclick="window.location.href = 'index'">BACK</button>

        </div>

</body>

<script>

    var buttonUser = false; //button untuk optionsMenu

    // function test () {

    //     var iseng = document.getElementById("tanggal").value;

    //     var iseng2 = document.getElementById("waktu").value;

    //     var $datetime = iseng.' '.

    //     $datetime = date("Y-m-d H:i:s",strtotime($datetime));

    //     console.log(iseng);

    //     console.log(iseng2);

    // }

    // Hide show tombol logout dan edit di user

    function cariRuangan() {

        document.getElementById("listDosen").innerHTML = "<" + "?php" + " $arr = []; arr[]=$resultMK->getRuangan(); foreach($arr as $key => $value){ echo '$value'; } ?>";

    }

    function optionsMenu() {

        if (buttonUser == false) {

            document.getElementById("userOption").style.display = "block";

            buttonUser = true;

        } else {

            document.getElementById("userOption").style.display = "none";

            buttonUser = false;

        }

    }

    var modalLogout = document.getElementById("modalLogout");

    var btnLogout = document.getElementById("userOptionButtonLogout");

    btnLogout.onclick = function() {

        modalLogout.style.display = "block"

    }

    // Close Button modal

    var btnClose = document.getElementsByClassName("close")[0];

    btnClose.onclick = function() {

        modalLogout.style.display = "none";

    }

    // --------------------------------------------------------------------------------------------

</script>

</html>

5.2.12 index.php

<?php

    session\_start();

    $user = $\_SESSION['currUsername'];

    $status = $\_SESSION['status'];

    if($status=="admin"){

        $status = "Admin";

    }

    else{

        $status = "Mahasiswa";

    }

    session\_write\_close();

?>

<!DOCTYPE html>

<html>

<head>

    <link rel="stylesheet" type="text/css" href="css/style.css">

</head>

<body>

    <!-- Header -->

    <div class="atasan">

        <table style="width: 100%">

            <tr>

                <td id="td1"> </td>

                <td id="tdTengah"><h1 id="tulisanJadwal">SI Jadwal Ujian Informatika</h1></td>

                <td id="td2">

                    <div onclick="optionsMenu()" class = "card" style="float:right; padding-right:2.2vw; box-shadow:none;">

                        <div class="container">

                            <p><?php echo $user?></p>

                            <p><?php echo $status?></p>

                        </div>

                    </div>

                    <div id="userOption" onclick="optionsMenu()" style="display: none">

                        <div class="card" style="width: 5.5vw; padding: 10px; background-color: white">

                        <form action="editProfile" method="POST">

                            <input id="userOptionButtonEdit" class="card" type="submit" value="Edit"> <br>

                        </form>

                        <form action="login" method="GET">

                        <input id="userOptionButtonLogout" class="card" type="submit" value="Logout">

                        </form>

                        </div>

                    </div>

                    <!-- Modal Logout -->

                    <div class="modal" id="modalLogout" >

                        <div style="width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.9)">

                            <span class="close">&times;</span>

                            <div class="modal-content">

                                <div class="card" id="isiModalLogout"style="background-color: white; width: 100%; height: 20vh; text-align: center; margin-top: 30vh;">

                                    <span style="margin-top:100px">Attention</span>

                                    <div class="container" style="margin:3%">

                                        <span>Are you sure you want to logout?</span>

                                    </div>

                                    <div>

                                        <div style="width:50%; height:100%; border: 1px solid black; text-align: center; display: inline-block; overflow: hidden;">

                                            <input type="button" value="No" style="height: 100%; width: 50%">

                                        </div>

                                        <div style="width:49.5%; height:20%; border: 1px solid black; text-align: center; display: inline-block; overflow: visible; float: inline-end">

                                            <input type="button" value="Yes" style="height: 100%; width: 50%">

                                        </div>

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </td>

            </tr>

            <tr>

                <td id="td1"><a id="linkHeader" href="index">Home</a></td>

            </tr>

        </table>

    </div>

        <!-- Navigation di kanan -->

        <table id="rightNav">

            <!-- Angka mungkin akan berubah ketika ujian ditambah -->

            <tr>

                <td><h1 style="text-align:center;">5 Ujian Terdekat</h1> </td>

            </tr>

            <!-- Ujian-ujian yang terdekat -->

            <?php

                foreach ($result as $key => $value) {

                    echo "

                    <tr id=tr1>

                        <td>

                            <button style=background-color: white; border: none;>

                                <div class=card id=cardUjian>

                                <span>".$value->getMulai()." - ".$value->getSelesai()."</span>

                                    <div class=container>

                                        <span>".$value->getKodeMK()." - ".$value->getNamaMK()."</span>

                                        <br><p> Ruangan : ".$value->getRuangan()."</p>

                                        </div>

                                </div>

                            </button>

                        </td>

                    </tr>

                    ";

                }

            ?>

        </table>

    </div>

    <!-- lihat jadwal -->

    <div>

        <h1 style="text-align: center">SELAMAT DATANG DI WEBSITE SISTEM INFORMASI UJIAN INFORMATIKA</h1>

        <table style="width: 70%">

            <tr id="tr2" style="text-align: center">

                <td id="td3"> </td>

                    <div class="card">

                        <td id="tdTengah" style="border: 1px solid black">

                            <div class="container">

                                <?php

                                    session\_start();

                                    $status = $\_SESSION['status'];

                                    if($status=="admin"){

                                        echo "<button onclick=\"window.location.href='jadwalUjianAdminUTS'\">";

                                    }

                                    else{

                                        echo "<button onclick=\"window.location.href='jadwalUjianUserUTS'\">";

                                    }

                                    session\_write\_close();

                                ?>

                                <span>Lihat Jadwal Lengkap</span></button>

                            </div>

                        </td>

                </div>

            </tr>

        </table>

    </div>

</body>

<script>

    var buttonUser = false;//button untuk optionsMenu

    // Hide show tombol logout dan edit di user

    function optionsMenu(){

        if(buttonUser == false ){

            document.getElementById("userOption").style.display = "block";

            buttonUser = true;

        }

        else{

            document.getElementById("userOption").style.display = "none";

            buttonUser = false;

        }

    }

    var modalLogout = document.getElementById("modalLogout");

    var btnLogout   = document.getElementById("userOptionButtonLogout");

    btnLogout.onclick = function(){

        modalLogout.style.display = "block"

    }

    // Close Button modal

    var btnClose = document.getElementsByClassName("close")[0];

    btnClose.onclick = function(){

        modalLogout.style.display = "none";

    }

//----------------------------------------------------------------------------- HEADER

</script>

</html>

5.2.13 JadwalUjianAdmin.php

<?php

    session\_start();

    $user = $\_SESSION['currUsername'];

    $status = $\_SESSION['status'];

    if($status=="admin"){

        $status = "Admin";

    }

    else{

        $status = "Mahasiswa";

    }

    session\_write\_close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

</head>

<body>

    <div class="atasan">

        <table style="width: 100%">

            <tr>

                <td id="td1"> </td>

                <td id="tdTengah">

                    <h1 id="tulisanJadwal">SI Jadwal Ujian Informatika</h1>

                </td>

                <td id="td2">

                    <div onclick="optionsMenu()" class="card" style="float:right; padding-right:2.2vw; box-shadow:none;">

                        <div class="container">

                            <p><?php echo $user?></p>

                            <p><?php echo $status?></p>

                        </div>

                    </div>

                    <div id="userOption" onclick="optionsMenu()" style="display: none">

                        <div class="card" style="width: 5.5vw; padding: 10px; background-color: white">

                        <form action="editProfile" method="POST">

                            <input id="userOptionButtonEdit" class="card" type="submit" value="Edit"> <br>

                        </form>

                        <form action="login" method="GET">

                        <input id="userOptionButtonLogout" class="card" type="submit" value="Logout">

                        </form>

                        </div>

                    </div>

                    <!-- Modal Logout -->

                    <div class="modal" id="modalLogout">

                        <div style="width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.9)">

                            <span class="close">&times;</span>

                            <div class="modal-content">

                                <div class="card" id="isiModalLogout" style="background-color: white; width: 100%; height: 20vh; text-align: center; margin-top: 30vh;">

                                    <span style="margin-top:100px">Attention</span>

                                    <div class="container" style="margin:3%">

                                        <span>Are you sure you want to logout?</span>

                                    </div>

                                    <div>

                                        <div style="width:50%; height:100%; border: 1px solid black; text-align: center; display: inline-block; overflow: hidden;">

                                            <input type="button" value="No" style="height: 100%; width: 50%">

                                        </div>

                                        <div style="width:49.5%; height:20%; border: 1px solid black; text-align: center; display: inline-block; overflow: visible; float: inline-end">

                                            <input type="button" value="Yes" style="height: 100%; width: 50%">

                                        </div>

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </td>

            </tr>

            <tr>

                <td id="td1"><a id="linkHeader" href="index">Home>Lihat Jadwal</a></td>

            </tr>

        </table>

    </div>

    <!-- ------------------------------------------------------ -->

    <div style="margin: 5px">

        <h1 style=" display: inline-block; margin-left: 40.5%">Jadwal Ujian Informatika</h1>

        <form id="formSemester" method="GET">

            <select name="semester" onchange=submit() id="" style="display: inline-block; float: right; margin:3vh">

                <?php

                    session\_start();

                    $semester = $\_SESSION['semester'];

                    if ($semester == 1) {

                        echo '

                        <option value="1" selected>Semester 1</option>

                        <option value="2">Semester 2</option>

                        ';

                    } else {

                        echo '

                        <option value="1">Semester 1</option>

                        <option value="2" selected>Semester 2</option>

                        ';

                    }

                    session\_write\_close();

                ?>

            </select>

        </form>

    </div>

    <br>

    <div style="margin-left: 47.2%;">

        <h2 style="display: inline-block"><a id="tombolUts" href="<?php

                session\_start();

                $status = $\_SESSION['status'];

                $semester = $\_SESSION['semester'];

                if($status=="admin"){

                    echo "jadwalUjianAdminUTS?semester=".$semester;

                }

                else{

                    echo "jadwalUjianUserUTS?semester=".$semester;

                }

                session\_write\_close();

                ?>">UTS</a>

        </h2> <h2 style="display: inline-block">|</h2>

        <h2 style="display: inline-block"><a id="tombolUas" href="<?php

                session\_start();

                $status = $\_SESSION['status'];

                $semester = $\_SESSION['semester'];

                if($status=="admin"){

                    echo "jadwalUjianAdminUAS?semester=".$semester;

                }

                else{

                    echo "jadwalUjianUserUAS?semester=".$semester;

                }

                session\_write\_close();

                ?>">UAS</a></h2>

        <form action="tambahJadwal" method="POST">

            <input type="submit" name="tambahJadwal" value="Tambah Jadwal">

        </form>

    </div>

    <br>

    <div style="display: block; ">

        <table style="border: 1px solid black; margin-left: 50%; margin: auto; border-collapse: collapse">

            <tr>

                <th id="tableJadwal">No</th>

                <th id="tableJadwal" >Kode Matakuliah</th>

                <th id="tableJadwal" >Nama MataKuliah</th>

                <th id="tableJadwal" >Tanggal Ujian</th>

                <th id="tableJadwal" >Ruangan</th>

                <th id="tableJadwal" >Tipe Ujian</th>

                <!-- <th id="tableJadwal" >Kebutuhan Pengawas</th> -->

                <th id="tableJadwal" >Dosen Pengawas</th>

                <th id="tableJadwal">Kapasitas</th>

                <th id="tableJadwal">Edit Jadwal</th>

            </tr>

            <?php

                foreach ($result as $key => $value) {

                    echo "<tr>

                    <td id=\"tableJadwal\" >".($value->getId()-9)."</td>

                    <td id=\"tableJadwal\" >".$value->getKodeMK()."</td>

                    <td id=\"tableJadwal\" >".$value->getNamaMK()."</td>

                    <td id=\"tableJadwal\" >".$value->getTanggal()."</td>

                    <td id=\"tableJadwal\" >".$value->getRuangan()."</td>

                    <td id=\"tableJadwal\" >".$value->getTipe()."</td>

                    <td id=\"tableJadwal\" >".$value->getDosen()."</td>

                    <td id=\"tableJadwal\" >".$value->getKapasitas()."</td>

                    <td id=\"tableJadwal\" >"."

                    <form action=\"ubahJadwal\" method=\"GET\">

                    <input type=\"submit\"value=\"EDIT\">

                    <input type=\"hidden\" name=\"id\" value=".$value->getId()."></input>

                    <input type=\"hidden\" name=\"kode\" value='".$value->getKodeMK()."'></input>

                    <input type=\"hidden\" name=\"nama\" value='".$value->getNamaMK()."'></input>

                    </form></td>

                    <td id=\"tableJadwal\"><form action=\"hapusJadwal\" method=\"GET\">

                    <input type=\"submit\"value=\"HAPUS\">

                    <input type=\"hidden\" name=\"id\" value=".$value->getId()."></input>

                    <input type=\"hidden\" name=\"kode\" value='".$value->getKodeMK()."'></input>

                    <input type=\"hidden\" name=\"nama\" value='".$value->getNamaMK()."'></input>

                    </form></td></tr>";

                }

            ?>

        </table>

    </div>

</body>

<script>

    var buttonUser = false; //button untuk optionsMenu

    // Hide show tombol logout dan edit di user

    function optionsMenu() {

        if (buttonUser == false) {

            document.getElementById("userOption").style.display = "block";

            buttonUser = true;

        } else {

            document.getElementById("userOption").style.display = "none";

            buttonUser = false;

        }

    }

    var modalLogout = document.getElementById("modalLogout");

    var btnLogout = document.getElementById("userOptionButtonLogout");

    btnLogout.onclick = function() {

        modalLogout.style.display = "block"

    }

    // Close Button modal

    var btnClose = document.getElementsByClassName("close")[0];

    btnClose.onclick = function() {

        modalLogout.style.display = "none";

    }

    // --------------------------------------------------------------------------------------------

</script>

</html>

5.2.14 JadwalUjianUser.php

<?php

    session\_start();

    $user = $\_SESSION['currUsername'];

    $status = $\_SESSION['status'];

    if($status=='admin'){

        $status = "Admin";

    }

    else{

        $status = "Mahasiswa";

    }

    session\_write\_close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

</head>

<body>

    <div class="atasan">

        <table style="width: 100%">

            <tr>

                <td id="td1"> </td>

                <td id="tdTengah">

                    <h1 id="tulisanJadwal">SI Jadwal Ujian Informatika</h1>

                </td>

                <td id="td2">

                    <div onclick="optionsMenu()" class="card" style="float:right; padding-right:2.2vw; box-shadow:none;">

                        <div class="container">

                            <p><?php echo $user?></p>

                            <p><?php echo $status?></p>

                        </div>

                    </div>

                    <div id="userOption" onclick="optionsMenu()" style="display: none">

                        <div class="card" style="width: 5.5vw; padding: 10px; background-color: white">

                        <form action="editProfile" method="POST">

                            <input id="userOptionButtonEdit" class="card" type="submit" value="Edit"> <br>

                        </form>

                        <form action="login" method="GET">

                        <input id="userOptionButtonLogout" class="card" type="submit" value="Logout">

                        </form>

                        </div>

                    </div>

                    <!-- Modal Logout -->

                    <div class="modal" id="modalLogout">

                        <div style="width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.9)">

                            <span class="close">&times;</span>

                            <div class="modal-content">

                                <div class="card" id="isiModalLogout" style="background-color: white; width: 100%; height: 20vh; text-align: center; margin-top: 30vh;">

                                    <span style="margin-top:100px">Attention</span>

                                    <div class="container" style="margin:3%">

                                        <span>Are you sure you want to logout?</span>

                                    </div>

                                    <div>

                                        <div style="width:50%; height:100%; border: 1px solid black; text-align: center; display: inline-block; overflow: hidden;">

                                            <input type="button" value="No" style="height: 100%; width: 50%">

                                        </div>

                                        <div style="width:49.5%; height:20%; border: 1px solid black; text-align: center; display: inline-block; overflow: visible; float: inline-end">

                                            <input type="button" value="Yes" style="height: 100%; width: 50%">

                                        </div>

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </td>

            </tr>

            <tr>

                <td id="td1"><a id="linkHeader" href="index">Home>Lihat Jadwal</a></td>

            </tr>

        </table>

    </div>

    <!-- ------------------------------------------------------ -->

    <div style="margin: 5px">

        <h1 style=" display: inline-block; margin-left: 40.5%">Jadwal Ujian Informatika</h1>

        <form id="formSemester" method="GET">

            <select name="semester" onchange=submit() id="" style="display: inline-block; float: right; margin:3vh">

                <?php

                    session\_start();

                    $semester = $\_SESSION['semester'];

                    if ($semester == 1) {

                        echo '

                        <option value="1" selected>Semester 1</option>

                        <option value="2">Semester 2</option>

                        ';

                    } else {

                        echo '

                        <option value="1">Semester 1</option>

                        <option value="2" selected>Semester 2</option>

                        ';

                    }

                    session\_write\_close();

                ?>

            </select>

        </form>

    </div>

    <br>

    <div style="margin-left: 47.2%;">

        <h2 style="display: inline-block"><a id="tombolUts" href="<?php

                session\_start();

                $status = $\_SESSION['status'];

                $semester = $\_SESSION['semester'];

                if($status=="admin"){

                    echo "jadwalUjianAdminUTS?semester=".$semester;

                }

                else{

                    echo "jadwalUjianUserUTS?semester=".$semester;

                }

                session\_write\_close();

                ?>">UTS</a>

        </h2> <h2 style="display: inline-block">|</h2>

        <h2 style="display: inline-block"><a id="tombolUas" href="<?php

                session\_start();

                $status = $\_SESSION['status'];

                $semester = $\_SESSION['semester'];

                if($status=="admin"){

                    echo "jadwalUjianAdminUAS?semester=".$semester;

                }

                else{

                    echo "jadwalUjianUserUAS?semester=".$semester;

                }

                session\_write\_close();

                ?>">UAS</a></h2>

        <form action="tambahJadwal" method="POST">

            <input type="submit" name="tambahJadwal" value="Tambah Jadwal">

        </form>

    </div>

    <br>

    <div style="display: block; ">

        <table style="border: 1px solid black; margin-left: 50%; margin: auto; border-collapse: collapse">

            <tr>

                <th id="tableJadwal" >Kode Matakuliah</th>

                <th id="tableJadwal" >Nama MataKuliah</th>

                <th id="tableJadwal" >Tanggal Ujian</th>

                <th id="tableJadwal" >Ruangan</th>

                <th id="tableJadwal" >Tipe Ujian</th>

                <!-- <th id="tableJadwal" >Kebutuhan Pengawas</th> -->

                <th id="tableJadwal" >Dosen Pengawas</th>

                <th id="tableJadwal">Shift</th>

            </tr>

            <tr>

            <?php

                foreach ($result as $key => $value) {

                    echo "<tr>

                    <td id=\"tableJadwal\" >".$value->getKodeMK()."</td>

                    <td id=\"tableJadwal\" >".$value->getNamaMK()."</td>

                    <td id=\"tableJadwal\" >".$value->getTanggal()."</td>

                    <td id=\"tableJadwal\" >".$value->getRuangan()."</td>

                    <td id=\"tableJadwal\" >".$value->getTipe()."</td>

                    <td id=\"tableJadwal\" >".$value->getDosen()."</td>

                    <td id=\"tableJadwal\" >".$value->getShift()."</td>

                    </tr>";

                }

            ?>

            </tr>

        </table>

    </div>

</body>

<script>

    var buttonUser = false; //button untuk optionsMenu

    // Hide show tombol logout dan edit di user

    function optionsMenu() {

        if (buttonUser == false) {

            document.getElementById("userOption").style.display = "block";

            buttonUser = true;

        } else {

            document.getElementById("userOption").style.display = "none";

            buttonUser = false;

        }

    }

    var modalLogout = document.getElementById("modalLogout");

    var btnLogout = document.getElementById("userOptionButtonLogout");

    btnLogout.onclick = function() {

        modalLogout.style.display = "block"

    }

    // Close Button modal

    var btnClose = document.getElementsByClassName("close")[0];

    btnClose.onclick = function() {

        modalLogout.style.display = "none";

    }

    // --------------------------------------------------------------------------------------------

</script>

</html>

5.2.15 login.php

<!doctype html>

<html lang="en">

<head>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <title>Login Page</title>

    <style>

        .body\_login {

            padding-top: 15rem;

            padding-left: 48rem;

            padding-right: 48rem;

            color: #1c1c1c;

            font-family: Helvetica Neue, Helvetica, Arial, sans-serif;

            font-size: 22px;

        }

        .btn-custom {

            background: white;

            border: 2px solid #1c1c1c;

            padding: 5px 25px;

            border-radius: 0;

            -webkit-box-shadow: 3px 3px 3px 0px rgba(0, 0, 0, 0.75);

            -moz-box-shadow: 3px 3px 3px 0px rgba(0, 0, 0, 0.75);

            box-shadow: 3px 3px 3px 0px rgba(0, 0, 0, 0.75);

        }

        input.input\_login[type="text"],

        input.input\_login[type="password"] {

            border: 2px solid #1c1c1c !important;

            border-radius: 0 !important;

            width: 100%;

            padding: 6px;

        }

        .h1\_login {

            text-align: center;

        }

        .table\_login tr td {

            padding: 10px;

            vertical-align: middle;

        }

        .remember\_me {

            font-size: 18px;

        }

        .a\_forgot {

            text-decoration: none;

            font-size: 14px;

        }

        .no-pd {

            padding-top: 0!important;

        }

    </style>

</head>

<body class="body\_login">

    <h1 class="h1\_login">Login</h1>

    <form action="login" method="POST">

        <table class="table\_login" width="100%">

            <tr>

                <td width="45%">Username</td>

                <td>

                    <input class="input\_login" type="text" name="usernameLogin" placeholder="Username">

                </td>

            </tr>

            <tr>

                <td>Password</td>

                <td>

                    <input class="input\_login" type="password" name="passwordLogin" placeholder="Password">

                </td>

            </tr>

            <tr>

                <td class="no-pd"></td>

                <td class="no-pd" align="center">

                    <a class="a\_forgot" href="#">Forgot Password?</a>

                </td>

            </tr>

            <tr>

                <td colspan="2" align="center">

                    <input type="submit" id="buttonLogin" class="btn-custom" value="Login"></input>

                </td>

            </tr>

            <tr>

                <td colspan="2" align="center">

                    <input type="button" id="buttonRegister" value="Register" class="btn-custom"></input>

                </td>

            </tr>

        </table>

    </form>

    <script>

        let button = document.getElementById("buttonRegister");

        button.addEventListener("click",function(){

        window.location="register";

        });

    </script>

</body>

</html>

5.2.16 Register.php

<!doctype html>

<html lang="en">

<head>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <title>Login Page</title>

    <style>

        .body\_register {

            padding-top: 15rem;

            padding-left: 48rem;

            padding-right: 48rem;

            color: #1c1c1c;

            font-family: Helvetica Neue, Helvetica, Arial, sans-serif;

            font-size: 22px;

        }

        .btn-custom {

            background: white;

            border: 2px solid #1c1c1c;

            padding: 5px 25px;

            border-radius: 0;

            -webkit-box-shadow: 3px 3px 3px 0px rgba(0, 0, 0, 0.75);

            -moz-box-shadow: 3px 3px 3px 0px rgba(0, 0, 0, 0.75);

            box-shadow: 3px 3px 3px 0px rgba(0, 0, 0, 0.75);

        }

        input.input\_register[type="text"],

        input.input\_register[type="password"] {

            border: 2px solid #1c1c1c !important;

            border-radius: 0 !important;

            width: 100%;

            padding: 6px;

        }

        .h1\_register {

            text-align: center;

        }

        .table\_register tr td {

            padding: 10px;

            vertical-align: middle;

        }

        .setuju {

            font-size: 17px;

        }

        .backgroundCekInput{

            background-color: rgba(255,0,0,0.4);

        }

    </style>

    <script src="view/js/regis.js" defer></script>

    <script src="view/js/InputRegis.js" defer></script>

    <script src="view/js/scriptRegis.js" defer></script>

    <script src="view/js/ajaxRegis.js"defer></script>

</head>

<body class="body\_register">

    <h1 class="h1\_register">Register</h1>

    <form method="POST">

        <table class="table\_register" width="100%">

            <tr>

                <td width="45%">Username</td>

                <td>

                    <input class="input\_register" type="text" id="usernameRegis" name="usernameRegis" placeholder="Username"

                    pattern = "[a-zA-Z0-9]{8,16}" title ="username mengandung minimal 8 and maksimal 16 karakter. Cth: abc23232">

                    <span id="auth"></span>

                </td>

            </tr>

            <tr>

                <td>Password</td>

                <td>

                    <input class="input\_register" type="password" name="passwordRegis" placeholder="Password"

                    pattern="(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{8,16}" title ="Mengandung minimal 1 huruf besar, 8 karakter, dan maksimal 16 karakter.">

                </td>

            </tr>

            <!-- <tr>

                <td>Confirm Password</td>

                <td>

                    <input class="input\_register" type="password" name="confirm\_password" placeholder="Confirm Password"

                    pattern="(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{8,16}" title ="Mengandung minimal 1 huruf besar, 8 karakter, dan maksimal 16 karakter.">

                </td>

            </tr> -->

            <!-- <tr>

                <td colspan="2" align="center">

                    <input type="checkbox" id="setuju">

                    <label class="setuju" for="setuju">Saya setuju dengan ketentuan yang ada</label>

                </td>

            </tr> -->

            <tr>

                <td colspan="2" align="center">

                    <input type="submit" value="Register" class="btn-custom" id="registerButton"></input>

                </td>

            </tr>

        </table>

    </form>

</body>

</html>

5.2.17 tambahJadwal.php

<?php

    session\_start();

    $user = $\_SESSION['currUsername'];

    $status = $\_SESSION['status'];

    if($status=="admin"){

        $status = "Admin";

    }

    else{

        $status = "Mahasiswa";

    }

    session\_write\_close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <link rel="stylesheet" type="text/css" href="view/css/style.css">

</head>

<body>

    <div class="atasan">

        <table style="width: 100%">

            <tr>

                <td id="td1"> </td>

                <td id="tdTengah">

                    <h1 id="tulisanJadwal">SI Jadwal Ujian Informatika</h1>

                </td>

                <td id="td2">

                    <div onclick="optionsMenu()" class="card" style="float:right; padding-right:2.2vw; box-shadow:none;">

                        <div class="container">

                            <p><?php echo $user?></p>

                            <p><?php echo $status?></p>

                        </div>

                    </div>

                    <div id="userOption" onclick="optionsMenu()" style="display: none">

                        <div class="card" style="width: 5.5vw; padding: 10px; background-color: white">

                        <form action="editProfile" method="POST">

                            <input id="userOptionButtonEdit" class="card" type="submit" value="Edit"> <br>

                        </form>

                        <form action="login" method="GET">

                        <input id="userOptionButtonLogout" class="card" type="submit" value="Logout">

                        </form>                        </div>

                    </div>

                    <!-- Modal Logout -->

                    <div class="modal" id="modalLogout">

                        <div style="width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.9)">

                            <span class="close">&times;</span>

                            <div class="modal-content">

                                <div class="card" id="isiModalLogout" style="background-color: white; width: 100%; height: 20vh; text-align: center; margin-top: 30vh;">

                                    <span style="margin-top:100px">Attention</span>

                                    <div class="container" style="margin:3%">

                                        <span>Are you sure you want to logout?</span>

                                    </div>

                                    <div>

                                        <div style="width:50%; height:100%; border: 1px solid black; text-align: center; display: inline-block; overflow: hidden;">

                                            <input type="button" value="No" style="height: 100%; width: 50%">

                                        </div>

                                        <div style="width:49.5%; height:20%; border: 1px solid black; text-align: center; display: inline-block; overflow: visible; float: inline-end">

                                            <input type="button" value="Yes" style="height: 100%; width: 50%">

                                        </div>

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </td>

            </tr>

            <tr>

                <td id="td1"><a id="linkHeader" href="index.php">Home</a> <span>></span>

                <?php

                session\_start();

                $status = $\_SESSION['status'];

                if($status=="admin"){

                    echo "<a id=linkHeader href=jadwalUjianAdminUTS>Lihat Jadwal</a>";

                }

                else{

                    echo "<a id=linkHeader href=jadwalUjianUserUTS>Lihat Jadwal</a>";

                }

                session\_write\_close();

                ?>

                <span>></span><a id="linkHeader" href="#">Tambah Jadwal</a></td>

            </tr>

        </table>

    </div>

    <form action="tambahUjian" method="POST">

        <h2 style="text-align: center">Tambah Jadwal Ujian Informatika</h2>

    <div style="margin-top: 7vh">

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px; ">

            <div style="width: 150px"><label>Mata Kuliah</label></div>

            <select style="width: 150px" onchange=cariDosen() name="matakuliah" id="">

                <?php foreach($resultMK as $key => $valueMK) {?>

                    <option value="<?php echo $valueMK->getKodeMK(); ?>"> <?php echo $valueMK->getKodeMK()."-". $valueMK->getNamaMK(); } ?> </option>

            </select>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 75px"><label>Tanggal Ujian</label></div>

            <div>

                <input id="tanggal" type="date" name="tanggalUjian" style="width: 125px">

                <input id="waktu" type="time" name="waktuUjian" style="width: 90px">

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Ruangan</label></div>

            <div>

                <select style="width: 150px"  name="ruangan" id="">

                    <?php foreach($resultR as $key => $valueR) {?>

                    <option value="<?php echo $valueR->getKodeRuangan(); ?>"> <?php echo $valueR->getKodeRuangan(); } ?> </option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Peserta Ujian</label></div>

            <div><input type="number" name="peserta" style="width: 150px"></div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Durasi</label></div>

            <div><input type="text" name="durasi" style="width: 150px"></div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Tipe</label></div>

            <div>

                <select style="width: 150px" name="tipe" id="">

                    <option value="uts">UTS</option>

                    <option value="uas">UAS</option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Tata Cara Ujian</label></div>

            <div>

                <select style="width: 150px" name="tataCara" id="">

                    <option value="Kelas - Open Book">Kelas - Open Book</option>

                    <option value="Kelas - Close Book">Kelas - Close Book</option>

                    <option value="Praktikum - Open File">Praktikum - Open File</option>

                    <option value="Praktikum - Close File">Praktikum - Close File</option>

                    <option value="Praktikum - Thrid Party">Praktikum - Thrid Party</option>

                    <option value="Tidak ada">Tidak ada</option>

                    <option value="Lainnya">Lainnya</option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction:row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Shift</label></div>

            <div>

                <select style="width: 150px" name="shift" >

                    <option value="1">1</option>

                    <option value="2">2</option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Dosen Pengawas</label></div>

            <div>

                <select style='width:150px' name='dosen'>

                <?php

                foreach ($resultD as $key => $valueD) { ?>

                    <option value="<?php echo $valueD->getId(); ?>"> <?php echo $valueD->getId() ; ?> - <?php $arr = []; $arr = $valueD->getMK(); foreach($arr as $keyz => $valuez) { if (count($valuez) > 0){echo $valuez['kode']." , ";} else { echo $valuez['kode']; } };

                    } ?>

                </option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Kebutuhan Pengawas</label></div>

                <input name="kebutuhan" style="width: 150px" type="number">

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: space-around">

            <input id="tambahUjian" type="submit" name="tambahUjian" value="Tambah Jadwal">

        </div>

    </div>

    </form>

</body>

<script>

    var buttonUser = false; //button untuk optionsMenu

    function optionsMenu() {

        if (buttonUser == false) {

            document.getElementById("userOption").style.display = "block";

            buttonUser = true;

        } else {

            document.getElementById("userOption").style.display = "none";

            buttonUser = false;

        }

    }

    var modalLogout = document.getElementById("modalLogout");

    var btnLogout = document.getElementById("userOptionButtonLogout");

    btnLogout.onclick = function() {

        modalLogout.style.display = "block"

    }

    // Close Button modal

    var btnClose = document.getElementsByClassName("close")[0];

    btnClose.onclick = function() {

        modalLogout.style.display = "none";

    }

    // --------------------------------------------------------------------------------------------

</script>

</html>

5.2.18 UbahJadwal.php

<?php

    session\_start();

    $user = $\_SESSION['currUsername'];

    $status = $\_SESSION['status'];

    if($status=="admin"){

        $status = "Admin";

    }

    else{

        $status = "Mahasiswa";

    }

    session\_write\_close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <link rel="stylesheet" type="text/css" href="css/style.css">

</head>

<body>

    <div class="atasan">

        <table style="width: 100%">

            <tr>

                <td id="td1"> </td>

                <td id="tdTengah">

                    <h1 id="tulisanJadwal">SI Jadwal Ujian Informatika</h1>

                </td>

                <td id="td2">

                    <div onclick="optionsMenu()" class="card" style="float:right; padding-right:2.2vw; box-shadow:none;">

                        <div class="container">

                            <p><?php echo $user?></p>

                            <p><?php echo $status?></p>

                        </div>

                    </div>

                    <div id="userOption" onclick="optionsMenu()" style="display: none">

                        <div class="card" style="width: 5.5vw; padding: 10px; background-color: white">

                        <form action="editProfile" method="POST">

                            <input id="userOptionButtonEdit" class="card" type="submit" value="Edit"> <br>

                        </form>

                        <form action="login" method="GET">

                        <input id="userOptionButtonLogout" class="card" type="submit" value="Logout">

                        </form>                        </div>

                    </div>

                    <!-- Modal Logout -->

                    <div class="modal" id="modalLogout">

                        <div style="width: 100%; height: 100%; background-color: rgba(0, 0, 0, 0.9)">

                            <span class="close">&times;</span>

                            <div class="modal-content">

                                <div class="card" id="isiModalLogout" style="background-color: white; width: 100%; height: 20vh; text-align: center; margin-top: 30vh;">

                                    <span style="margin-top:100px">Attention</span>

                                    <div class="container" style="margin:3%">

                                        <span>Are you sure you want to logout?</span>

                                    </div>

                                    <div>

                                        <div style="width:50%; height:100%; border: 1px solid black; text-align: center; display: inline-block; overflow: hidden;">

                                            <input type="button" value="No" style="height: 100%; width: 50%">

                                        </div>

                                        <div style="width:49.5%; height:20%; border: 1px solid black; text-align: center; display: inline-block; overflow: visible; float: inline-end">

                                            <input type="button" value="Yes" style="height: 100%; width: 50%">

                                        </div>

                                    </div>

                                </div>

                            </div>

                        </div>

                    </div>

                </td>

            </tr>

            <tr>

                <td id="td1"><a id="linkHeader" href="index.php">Home</a> <span>></span><a id="linkHeader" href="jadwalUjianAdminUTS">Lihat Jadwal</a> <span>></span><a id="linkHeader" href="">Tambah Jadwal</a></td>

            </tr>

        </table>

    </div>

        <h2 style="text-align: center">Ubah Jadwal Ujian Informatika</h2>

    <div style="margin-top: 7vh">

    <form action="editUjian" method="POST">

    <div style="margin-top: 7vh">

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px; ">

            <div style="width: 150px"><label>Mata Kuliah</label></div>

            <span name="matakuliah" id="">

                <?php

                session\_start();

                $kodeMK = $\_SESSION['kodeMK'];

                $namaMK = $\_SESSION['namaMK'];

                echo $kodeMK." - ".$namaMK;

                session\_write\_close();

                ?>

            </span>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 75px"><label>Tanggal Ujian</label></div>

            <div>

                <input id="tanggal" type="date" name="tanggalUjian" style="width: 125px">

                <input id="waktu" type="time" name="waktuUjian" style="width: 90px">

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Ruangan</label></div>

            <div>

                <select style="width: 150px"  name="ruangan" id="">

                    <?php foreach($resultR as $key => $valueR) {?>

                    <option value="<?php echo $valueR->getKodeRuangan(); ?>"> <?php echo $valueR->getKodeRuangan(); } ?> </option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Peserta Ujian</label></div>

            <div><input type="number" name="peserta" style="width: 150px"></div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Durasi</label></div>

            <div><input type="text" name="durasi" style="width: 150px"></div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Tipe</label></div>

            <div>

                <select style="width: 150px" name="tipe" id="">

                    <option value="uts">UTS</option>

                    <option value="uas">UAS</option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Tata Cara Ujian</label></div>

            <div>

                <select style="width: 150px" name="tataCara" id="">

                    <option value="Kelas - Open Book">Kelas - Open Book</option>

                    <option value="Kelas - Close Book">Kelas - Close Book</option>

                    <option value="Praktikum - Open File">Praktikum - Open File</option>

                    <option value="Praktikum - Close File">Praktikum - Close File</option>

                    <option value="Praktikum - Thrid Party">Praktikum - Thrid Party</option>

                    <option value="Tidak ada">Tidak ada</option>

                    <option value="Lainnya">Lainnya</option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction:row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Shift</label></div>

            <div>

                <select style="width: 150px" name="shift" >

                    <option value="1">1</option>

                    <option value="2">2</option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Dosen Pengawas</label></div>

            <div>

                <select style='width:150px' name='dosen'>

                <?php

                foreach ($resultD as $key => $valueD) { ?>

                    <option value="<?php echo $valueD->getId(); ?>"> <?php echo $valueD->getId() ; ?> - <?php $arr = []; $arr = $valueD->getMK(); foreach($arr as $keyz => $valuez) { if (count($valuez) > 0){echo $valuez['kode']." , ";} else { echo $valuez['kode']; } };

                    } ?>

                </option>

                </select>

            </div>

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: center; width:1900px;">

            <div style="width: 150px"><label>Kebutuhan Pengawas</label></div>

                <input name="kebutuhan" style="width: 150px" type="number">

        </div>

        <br>

        <div style="display: flex; flex-direction: row; justify-content: space-around">

            <input id="tambahUjian" type="submit" name="tambahUjian" value="Ubah Jadwal">

        </div>

    </div>

    </form>

    </div>

</body>

<script>

    var buttonUser = false; //button untuk optionsMenu

    // Hide show tombol logout dan edit di user

    function optionsMenu() {

        if (buttonUser == false) {

            document.getElementById("userOption").style.display = "block";

            buttonUser = true;

        } else {

            document.getElementById("userOption").style.display = "none";

            buttonUser = false;

        }

    }

    var modalLogout = document.getElementById("modalLogout");

    var btnLogout = document.getElementById("userOptionButtonLogout");

    btnLogout.onclick = function() {

        modalLogout.style.display = "block"

    }

    // Close Button modal

    var btnClose = document.getElementsByClassName("close")[0];

    btnClose.onclick = function() {

        modalLogout.style.display = "none";

    }

    // --------------------------------------------------------------------------------------------

</script>

</html>

5.3 Controller

5.3.1 checkUsername.php

<?php

    require\_once "mysqlDB.php";

    $db = new mysqlDB("localhost","root","","ftis\_akademik\_a");

    $user = $\_GET['usr'];

    $query = "SELECT \* FROM user WHERE username = '$user'";

    #print\_r($query);

    $res = $db->executeSelectQuery($query);

    if(count($res)>0){

        echo "Username tidak bisa digunakan";

    }else{

        echo "Username Bisa Digunakan";

    }

?>

5.3.2 mysqlDB.php

<?php

class MySQLDB{

    protected $servername;

    protected $username;

    protected $password;

    protected $dbname;

    protected $db\_connection;

    public function \_\_construct($servername,$username,$password,$dbname){

        $this->servername = $servername;

        $this->username = $username;

        $this->password = $password;

        $this->dbname = $dbname;

    }

    public function openConnection(){

        //create connection

        $this->db\_connection = new mysqli($this->servername, $this->username, $this->password, $this->dbname);

        //check connection

        if ($this->db\_connection->connect\_error) {

            die('Could not connect to '.$this->servername.' server');

        }

    }

    public function executeSelectQuery($sql){ //clean input

        $this->openConnection();

        $query\_result = $this->db\_connection->query($sql);

        $result = [];

        if ($query\_result->num\_rows > 0) {

            //output data of each row

            while($row = $query\_result->fetch\_assoc()){

                $result[] = $row;

            }

        }

        $this->closeConnection();

        return $result;

    }

    public function executeNonSelectQuery($sql){ //clean input

        $this->openConnection();

        $query\_result = $this->db\_connection->query($sql); //TRUE or FALSE

        $this->closeConnection();

        return $query\_result;

    }

    public function getConnection(){

        return $this->db\_connection;

    }

    public function escapeString($str){

        $this->openConnection();

        return $this->db\_connection->escape\_string($str);

    }

    public function closeConnection(){

        $this->db\_connection->close();

    }

}

?>

5.3.3 View.php

<?php

class View{

    public static function createView($view,$param){

        foreach ($param as $key => $value) {

            $$key = $value;

        }

        ob\_start();

        include 'view/'.$view;

        $content = ob\_get\_contents();

        ob\_end\_clean();

        ob\_start();

        include 'view/layout/layout.php';

        $include = ob\_get\_contents();

        ob\_end\_clean();

        return $include;

    }

}

?>

5.3.4 JadwalController.php

<?php

    require\_once "controller/services/mysqlDB.php";

    require\_once "controller/services/view.php";

    require\_once "model/jadwal.php";

    require\_once "model/ruang.php";

    require\_once "model/dosen.php";

    require\_once "model/matakuliah.php";

    require\_once "model/peekJadwal.php";

    class jadwalController{

        protected $db;

        public function \_\_construct(){

            $this->db = new MySQLDB("localhost","root","","ftis\_akademik\_a");

        }

        public function viewHome() {

            $result = $this->getJadwalTerdekat();

            return View::createView('index.php',[

                "result" => $result

            ]);

        }

        public function viewChange() {

            session\_start();

            $kodeMK = $\_SESSION['kodeMK'];

            $namaMK = $\_SESSION['namaMK'];

            session\_write\_close();

            $resultR = $this->getAllRuangan();

            $resultD = $this->getAllDosen();

            return View::createView('ubahJadwal.php', [

                "resultR" => $resultR,

                "resultD" => $resultD

            ]);

        }

        public function getJadwalTerdekat() {

            $query = "SELECT \* FROM (SELECT kode, mid.mulai, mid.selesai, mid.ruang FROM (SELECT mengajar\_id, mulai, selesai, ruang FROM ujian)as mid JOIN mengajar on mid.mengajar\_id = mengajar.id) as mid2 JOIN matakuliah on mid2.kode LIKE matakuliah.kode ORDER BY mid2.mulai ASC LIMIT 5";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            foreach ($query\_result as $key => $value) {

                $result[] = new Peek($value['kode'],$value['nama'],$value['mulai'],$value['selesai'],$value['ruang']);

            }

            return $result;

        }

        public function viewJadwalUjianUserUTS() {

            $result = $this->getJadwalUTS();

            return View::createView('jadwalUjianUser.php', [

                "result" => $result

            ]);

        }

        public function viewJadwalUjianAdminUTS() {

            $result = $this->getJadwalUTS();

            return View::createView('jadwalUjianAdmin.php', [

                "result" => $result

            ]);

        }

        public function viewJadwalUjianUserUAS() {

            $result = $this->getJadwalUAS();

            return View::createView('jadwalUjianUser.php', [

                "result" => $result

            ]);

        }

        public function viewJadwalUjianAdminUAS() {

            $result = $this->getJadwalUAS();

            return View::createView('jadwalUjianAdmin.php', [

                "result" => $result

            ]);

        }

        public function viewTambahJadwal() {

            $resultMK = $this->getAllMatakuliah();

            $resultR = $this->getAllRuangan();

            $resultD = $this->getAllDosen();

            return View::createView('tambahJadwal.php', [

                "resultMK" => $resultMK,

                "resultR" => $resultR,

                "resultD" => $resultD

            ]);

        }

        public function insertJadwal() {

            $matakuliah = $\_POST['matakuliah'];

            $date = $\_POST['tanggalUjian'];

            $time = $\_POST['waktuUjian'];

            $datetime = $date.' '.$time;

            $datetime = date("Y-m-d H:i:s", strtotime($datetime));

            $ruangan = $\_POST['ruangan'];

            $peserta = $\_POST['peserta'];

            $durasi = $\_POST['durasi'];

            $date = date\_create($datetime);

            date\_add($date, date\_interval\_create\_from\_date\_string($durasi." hours"));

            $selesai = date\_format($date, "Y-m-d H:i:s");

            $tipe = $\_POST['tipe'];

            $tataCara = $\_POST['tataCara'];

            $shift = $\_POST['shift'];

            $dosen = $\_POST['dosen'];

            $kebutuhan = $\_POST['kebutuhan'];

            if (isset($matakuliah) && isset($ruangan)

                && isset($peserta) && isset($durasi) && isset($tipe)

                    && isset($tataCara) && isset($shift) && isset($dosen)

                        && isset ($kebutuhan)

                && $matakuliah != "" && $ruangan != ""

                    && $peserta != "" && $durasi != "" && $tipe != ""

                        && $tataCara != "" && $shift != "" && $dosen != ""

                             && $kebutuhan != "") {

                                if($this->isMuat($ruangan)>=$peserta){

                                $queryTemp = "SELECT id FROM mengajar WHERE kode LIKE '$matakuliah' AND dosen\_id = '$dosen'";

                                $mengajar = $this->db->executeSelectQuery($queryTemp);

                                foreach ($mengajar as $key => $value) {

                                    $id = $value['id'];

                                    $query = "INSERT INTO ujian (mengajar\_id, tipe, tata\_cara, mulai, selesai, ruang, shift, kebutuhan\_pengawas, jumlahPeserta)

                                     VALUES ('$id', '$tipe', '$tataCara', '$datetime', '$selesai', '$ruangan', '$shift', '$kebutuhan', '$peserta')";

                                    $query\_result = $this->db->executeNonSelectQuery($query);

                                    header('Location: jadwalUjianAdminUTS?semester=2');

                                    }

                                }else{

                                    if($this->isMuat($ruangan)>0){

                                    echo '<script>var alert = alert("Jumlah melebihi kapasitas!, sisa kuota untuk ruangan ini adalah : '.$this->isMuat($ruangan).'")

                                    console.log(!(alert=="undefined"));

                                    if(!(alert=="undefined")){

                                            window.location.replace("jadwalUjianAdminUTS?semester=2");

                                        }

                                    </script>';

                                    }else{

                                        echo '<script>var alert = alert("Jumlah melebihi kapasitas!, sisa kuota untuk ruangan ini adalah : 0")

                                    console.log(!(alert=="undefined"));

                                    if(!(alert=="undefined")){

                                            window.location.replace("jadwalUjianAdminUTS?semester=2");

                                        }

                                    </script>';

                                    }

                                }

                            }

                            else {

                                $message = "isi dulu yang benar";

                                echo "<script type='text/javascript'>

                                alert('$message');

                                </script>";

                            }

        }

public function hapusJadwal() {

            session\_start();

            $ujian = $\_SESSION['idUjian'];

            $query = "DELETE FROM ujian WHERE id = $ujian";

            $this->db->executeNonSelectQuery($query);

            session\_write\_close();

            header("Location: jadwalUjianAdminUTS?semester=2");

        }

        public function editJadwal() {

            session\_start();

            $matakuliah = $\_SESSION['kodeMK'];

            $date = $\_POST['tanggalUjian'];

            $time = $\_POST['waktuUjian'];

            $datetime = $date.' '.$time;

            $datetime = date("Y-m-d H:i:s", strtotime($datetime));

            $ruangan = $\_POST['ruangan'];

            $peserta = $\_POST['peserta'];

            $durasi = $\_POST['durasi'];

            $date = date\_create($datetime);

            date\_add($date, date\_interval\_create\_from\_date\_string($durasi." hours"));

            $selesai = date\_format($date, "Y-m-d H:i:s");

            $tipe = $\_POST['tipe'];

            $tataCara = $\_POST['tataCara'];

            $shift = $\_POST['shift'];

            $dosen = $\_POST['dosen'];

            $kebutuhan = $\_POST['kebutuhan'];

            if (isset($ruangan)

                && isset($peserta) && isset($durasi) && isset($tipe)

                    && isset($tataCara) && isset($shift) && isset($dosen)

                        && isset ($kebutuhan)

                && $ruangan != ""

                    && $peserta != "" && $durasi != "" && $tipe != ""

                        && $tataCara != "" && $shift != "" && $dosen != ""

                             && $kebutuhan != "") {

                                $queryTemp = "SELECT id FROM mengajar WHERE kode LIKE '$matakuliah' AND dosen\_id = '$dosen'";

                                $mengajar = $this->db->executeSelectQuery($queryTemp);

                                foreach ($mengajar as $key => $value) {

                                    $id = $value['id'];

                                    $idUjian = $\_SESSION['idUjian'];

                                    $query = "UPDATE ujian

                                    SET mengajar\_id = '$id',

                                     tipe = '$tipe',

                                      tata\_cara = '$tataCara',

                                       mulai = '$datetime',

                                        selesai = '$selesai',

                                         ruang = '$ruangan',

                                          shift = '$shift',

                                           kebutuhan\_pengawas = '$kebutuhan',

                                            jumlahPeserta = '$peserta'

                                     WHERE id =  '$idUjian'";

                                    $this->db->executeNonSelectQuery($query);

                                    header('Location: jadwalUjianAdminUTS?semester=2');

                                }

                            }

                            session\_write\_close();

        }

        public function getJadwalUTS(){

            $query = "SELECT \* FROM ujian WHERE tipe LIKE 'uts'";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            $mk = [];

            foreach ($query\_result as $key => $value) {

                $mk = $this->getMK($value['mengajar\_id']);

                foreach ($mk as $keyz => $valuez) {

                    $result[] = new Jadwal($value['id'],$valuez['kode'],$valuez['nama'],$value['mulai'],$value['ruang'],$value['tata\_cara'],$valuez['dosen\_id'],$value['jumlahPeserta'],$value['shift']);

                }

            }

            return $result;

        }

        public function getJadwalUAS(){

            $query = "SELECT \* FROM ujian WHERE tipe LIKE 'uas'";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            foreach ($query\_result as $key => $value) {

                $mk = $this->getMK($value['mengajar\_id']);

                foreach ($mk as $keyz => $valuez) {

                    $result[] = new Jadwal($value['id'],$valuez['kode'],$valuez['nama'],$value['mulai'],$value['ruang'],$value['tata\_cara'],$valuez['dosen\_id'],$value['jumlahPeserta'],$value['shift']);

                }

            }

            return $result;

        }

        public function getMK($id) {

            $query = "SELECT matakuliah.kode, matakuliah.nama, md.dosen\_id FROM (SELECT kode, dosen\_id FROM mengajar WHERE id = $id) as md JOIN matakuliah on md.kode LIKE matakuliah.kode";

            $result = [];

            $result = $this->db->executeSelectQuery($query);

            return $result;

        }

public function ambilJadwal() {

            $idUjian = $\_GET['id'];

            $kodeMK = $\_GET['kode'];

            $namaMK = $\_GET['nama'];

            session\_start();

            $\_SESSION['idUjian'] = $idUjian;

            $\_SESSION['kodeMK'] = $kodeMK;

            $\_SESSION['namaMK'] = $namaMK;

            session\_write\_close();

        }

public function setSemester() {

            session\_start();

            $semester = $\_GET['semester'];

            $\_SESSION['semester'] = $semester;

            session\_write\_close();

        }

        public function getAllMatakuliah() {

            $query = "SELECT \* FROM matakuliah";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            $dosen = [];

            foreach ($query\_result as $key => $value) {

                $dosen[] = $this->getSpecificDosen($value['kode']);

                $result[] = new Matakuliah($value['kode'],$value['nama'],$value['program\_studi'],$value['tingkat'],$dosen);

            }

            return $result;

        }

        public function ambilJadwal() {

            $idUjian = $\_GET['id'];

            $kodeMK = $\_GET['kode'];

            $namaMK = $\_GET['nama'];

            session\_start();

            $\_SESSION['idUjian'] = $idUjian;

            $\_SESSION['kodeMK'] = $kodeMK;

            $\_SESSION['namaMK'] = $namaMK;

            session\_write\_close();

        }

        // public function getChosenUjian() {

        //     session\_start();

        //     $id = $\_SESSION['matakuliah'];

        //     $query = "UPDATE"

        // }

        public function getAllDosen(){

            $query = "SELECT DISTINCT(dosen\_id) FROM mengajar";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            $mk = [];

            foreach ($query\_result as $key => $value) {

                $mk = $this->getMKDosen($value['dosen\_id']);

                $result[] = new Dosen($value['dosen\_id'], $mk);

            }

            return $result;

        }

        public function getMKDosen($id) {

            $query = "SELECT kode FROM mengajar WHERE dosen\_id = $id";

            $result = [];

            $result = $this->db->executeSelectQuery($query);

            return $result;

        }

        public function getSpecificDosen($kode) {

            $query = "SELECT dosen\_id FROM mengajar WHERE kode LIKE '$kode'";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            foreach ($query\_result as $key => $value) {

                $id = $value['dosen\_id'];

                $result[] = $id;

            }

            return $result;

        }

        public function getAllRuangan() {

            $query = "SELECT \* FROM ruang";

            $query\_result = $this->db->executeSelectQuery($query);

            $result = [];

            foreach ($query\_result as $key => $value) {

                $result[] = new Ruang($value['kode'], $value['nama'], $value['kapasitas']);

            }

            return $result;

        }

        public function isMuat($kodeRuangan){

            $query = "SELECT SUM(jumlahPeserta) as 'jumlah', ruang.kapasitas FROM ujian join ruang on ujian.ruang = ruang.kode WHERE ujian.ruang='$kodeRuangan'";

            $query\_result = $this->db->executeSelectQuery($query);

            $hasil=$query\_result[0]['kapasitas']-$query\_result[0]['jumlah'];

            return $hasil;

        }

    }

5.3.5 UserController.php

<?php

require\_once "controller/services/mysqlDB.php";

require\_once "controller/services/view.php";

require\_once "model/user.php";

class userController{

    protected $db;

    public function \_\_construct(){

        $this->db = new MySQLDB("localhost","root","","ftis\_akademik\_a");

    }

    public function viewLogin() {

        $result = [];

        return View::createView('login.php', $result);

    }

    public function viewRegister() {

        $result = [];

        return View::createView('register.php', $result);

    }

    public function viewEdit() {

        $result = [];

        return View::createView('editProfile.php', $result);

    }

    public function wrongLogin()

    {

        echo "Wrong Username / Password";

        $message = "salah username atau passnya gimana sih";

                                echo "<script type='text/javascript'>

                                alert('$message');

                                </script>";

        header("Refresh: 0,URL=login");

    }

    public function login()

    {

        $username = $\_POST['usernameLogin'];

        $password = $\_POST['passwordLogin'];

        if ($username != "" && $password != "" && isset($username) && isset($password)) {

            $username = $this->db->escapeString($username);

            $password = $this->db->escapeString($password);

            // $hashPass = md5($password);

            $query = "SELECT \* FROM user WHERE username LIKE '$username' AND password LIKE '$password'";

            $queryRes = $this->db->executeSelectQuery($query);

            $id = "";

            $status = "";

            foreach ($queryRes as $key => $value) {

                $id = $queryRes[0]['pengawas\_id'];

                $status = $queryRes[0]['role'];

            }

            if (count($queryRes) == 0) {

                // echo count($queryRes);

                $this->wrongLogin();

            } else {

                session\_start();

                $\_SESSION['currUsername'] = $username;

                $\_SESSION['status'] = $status;

                $\_SESSION['idMember'] = $id;

                session\_write\_close();

                if ($status == 'admin') {

                    header('Location: index');

                }

                else {

                    header('Location: index');

                }

            }

        }

    }

    public function ubahPassword() {

        session\_start();

        $username = $\_SESSION['currUsername'];

        $oldPassword = $\_POST['oldPass'];

        $newPassword = $\_POST['newPass'];

        if (isset($oldPassword) && isset($newPassword) && $newPassword != "" && $oldPassword != "") {

            $query = "UPDATE user SET password = '$newPassword' WHERE username = '$username'";

            $this->db->executeNonSelectQuery($query);

            header('Location: index');

        }

        session\_write\_close();

    }

    public function register()

    {

        $username = $\_POST['usernameRegis'];

        $password = $\_POST['passwordRegis'];

        if (isset($username) && isset($password) && $username != "" && $password != "") {

            $username = $this->db->escapeString($username);

            $password = $this->db->escapeString($password);

            // $hashPass = md5($password);

            $query = "INSERT INTO user (username,password,role) VALUES ('$username','$password','mahasiswa')";

            $this->db->executeNonSelectQuery($query);

            header('Location: login');

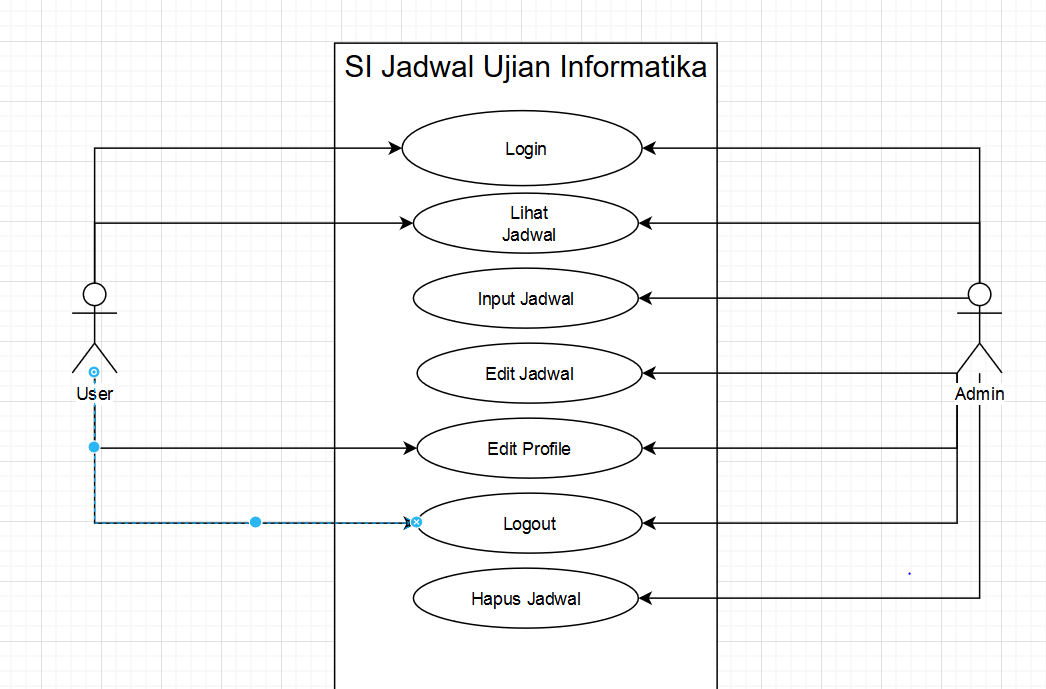
        }

    }

}

?>

# 6. Use Case Diagram



# 7. Pembahasan + Evaluasi

Sistem Informasi jadwal ujian ini merupakan SI sederhana, hanya saja masih memiliki beberapa fitur yang standar, padahal sebenarnya jika dilakukan lebih keras dan lebih banyak SDM yang kompeten, banyak sekali fitur yang dapat dimasukan kedalam SI ini. Fitur yang tidak jadi untuk SI jadwal ujian kali ini adalah

1. Auto conver dari excel kedalam menjadi SI jadwal
2. Menghandle dosen yang sama tidak dapat berada di ruangan yang sama dengan ujian yang berbeda
3. Menghandle Forgot Password dengan mengirimkan password baru ke email

Kami sadar bahwa SI ini masih jauh dari kata sempurna dan lengkap, maka dari itu kami telah mencurahkan semua tenaga kami untuk melakukan sebisa kami agar SI ini dapat berjalan sedemikian rupa. Kami berharap kedepannya dapat mengembangkan website seperti SI ini dengan lebih baik dan lebih maksimal lagi.