



King Fahd University of Petroleum & Minerals
Department of Information and Computer Science
SWE 363: Web Engineering and Development
Term 221

Team Project Report (Phase - 3)

« KFUPM Ride »

Section - 1 & 2

Team - 10

Team members

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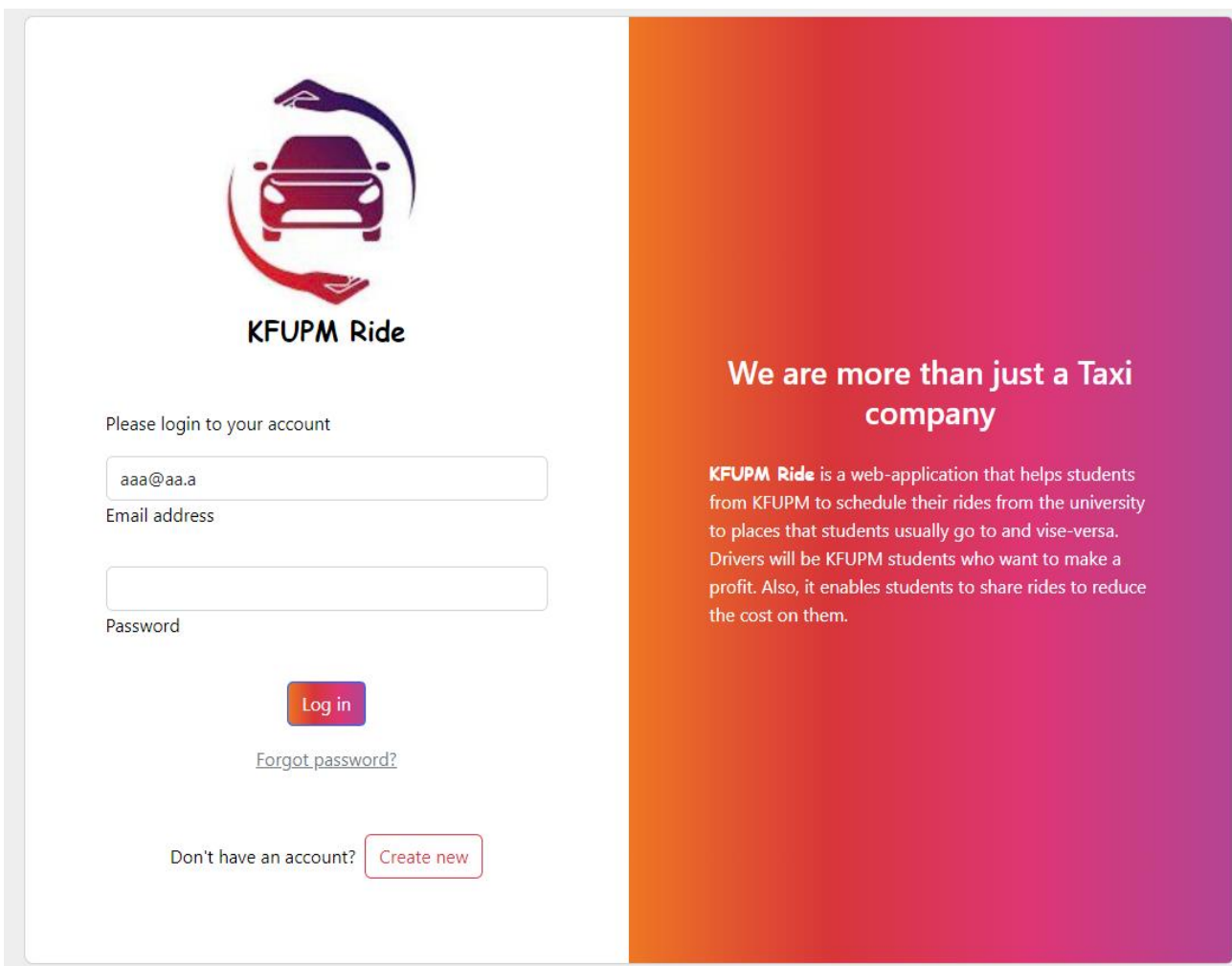
1. Implementation Details

1.1. Technologies and tools

- ❖ Visual Studio Code
- ❖ Live Server Extension
- ❖ GitHub
- ❖ DB browser for sqlite

1.2. GUI screen shots

Log in



The image shows a web application login page for 'KFUPM Ride'. The page is split into two main sections. The left section is white and contains the login form, while the right section has a vibrant orange-to-purple gradient background with promotional text.

KFUPM Ride

Please login to your account

Email address:

Password:

[Log in](#)


[Forgot password?](#)

Don't have an account? [Create new](#)

We are more than just a Taxi company

KFUPM Ride is a web-application that helps students from KFUPM to schedule their rides from the university to places that students usually go to and vise-versa. Drivers will be KFUPM students who want to make a profit. Also, it enables students to share rides to reduce the cost on them.

Sign Up




KFUPM Ride

Registration Form

First Name

Last Name



Birthday

Email

Phone Number

Password

☐ I agree all statements in [Terms of service](#)

Sign Up

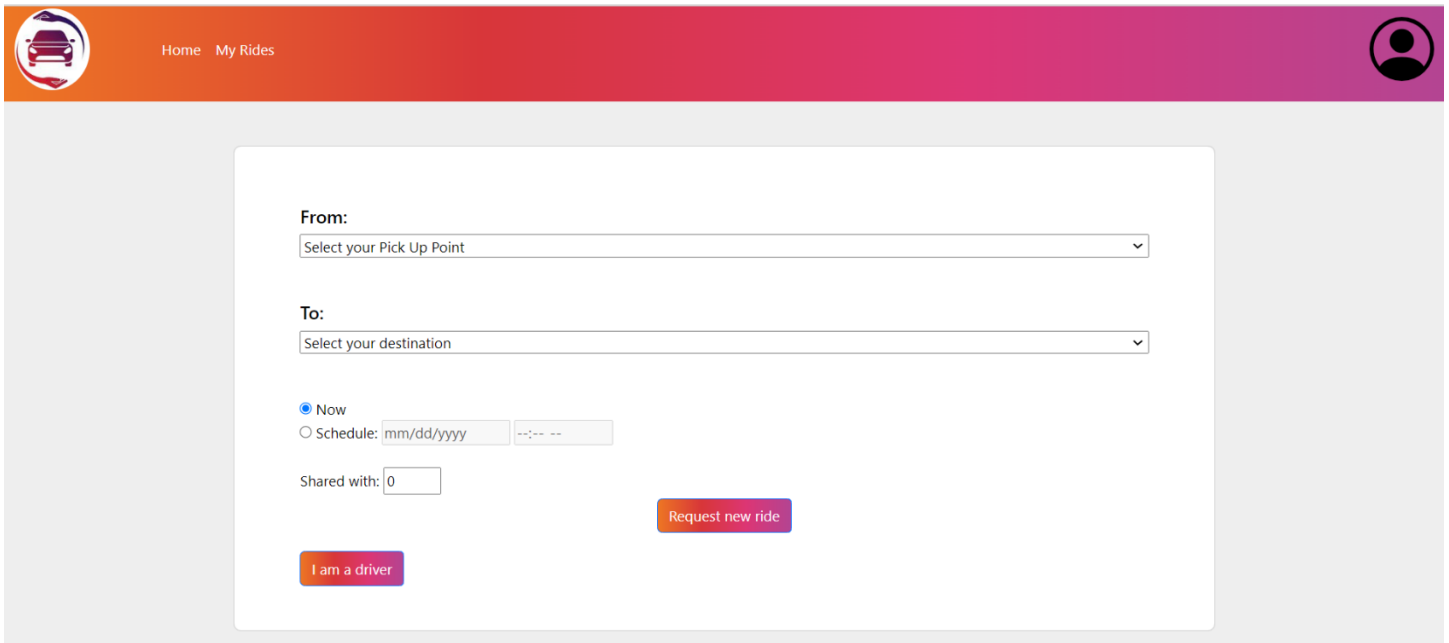
have already an account?

Log In

We are more than just a Taxi company

KFUPM Ride is a web-application that helps students from KFUPM to schedule their rides from the university to places that students usually go to and vise-versa. Drivers will be KFUPM students who want to make a profit. Also, it enables students to share rides to reduce the cost on them.

Home Page



From:
Select your Pick Up Point

To:
Select your destination

☒ Now
☐ Schedule:

Shared with:

[Request new ride](#)

[I am a driver](#)

1.3. Source code

Home page most important parts:

```
<nav class="navbar navbar-expand-lg bg-light">
  <div class="container-fluid">
    <a class="navbar-brand"></a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
      aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
        <li class="nav-item">
          <a class="nav-link active text-white" aria-current="page" href="http://localhost:3000">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link text-white" href="#">My Rides</a>
        </li>
        <!-- <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle text-white" role="button"
            data-bs-toggle="dropdown" aria-expanded="false">
              Dropdown</a>
          <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="#">Action</a></li>
            <li><a class="dropdown-item" href="#">Another action</a></li>
            <li><hr class="dropdown-divider"></li>
            <li><a class="dropdown-item" href="#">Something else here</a></li>
          </ul>
        </li> -->
        <!-- <li class="nav-item">
          <a class="nav-link disabled text-white">Disabled</a>
        </li> -->
      </ul>
    </div>
  </div>
</nav>
```

```

</li> -->
</ul>


<div class="sub-menu-wrap" id="subMenu">
  <div class="sub-menu">
    <div class="user-info">
      
      <h3>{{name}}</h3>
    </div>
    <hr>

    <a href="#" class="sub-menu-link">
      
      <p>Edit Profile</p>
      <span></span>
    </a>
    <a href="notSupportedFeature.html" class="sub-menu-link">
      
      <p>Settings & Privacy</p>
      <span></span>
    </a>
    <a href="#" class="sub-menu-link">
      
      <p>Help & Support</p>
      <span></span>
    </a>
    <a href="logout" class="sub-menu-link">
      
      <p>Logout</p>

```

```

<div class="mainComponents">
  <section class="h-100 gradient-form" style="background-color: #eee;">
    <div class="container py-5 h-100">
      <div class="form-outline mb-4">
        <div class="row d-flex justify-content-center align-items-center h-100">
          <div class="col-xl-10">
            <div class="card rounded-3 text-black">
              <div class="row g-0">
                <div class="card-body p-md-5 mx-md-4">
                  <form method="post" action="http://localhost:3000">
                    <p style="color: red">{{error}}</p>
                    <h5>From:</h5>
                    <select name="from" class="PickUpPoint col-12 mb-5">
                      <option value="0">Select your Pick Up Point</option>
                      <option value="King Fahd International Airport">King Fahd International Airport</option>
                      <option value="Dammam Railway Station">Dammam Railway Station</option>
                      <option value="Ithraa">Ithraa</option>
                      <option value="KFUPM">KFUPM</option>
                    </select>
                    <h5>To:</h5>
                    <select name="to" class="destination col-12 mb-5">
                      <option value="0">Select your destination</option>
                      <option value="King Fahd International Airport">King Fahd International Airport</option>
                      <option value="Dammam Railway Station">Dammam Railway Station</option>
                      <option value="Ithraa">Ithraa</option>
                      <option value="KFUPM">KFUPM</option>
                    </select>
                    <input id="now" type="radio" name="time" value="now" checked>
                    <label for="now">Now</label>

```

```

</select>
<input id="now" type="radio" name="time" value="now" checked>
<label for="now">Now</label>
<br>

<input id="schedule" type="radio" name="time" value="time">
<label for="schedule">Schedule: </label>
<input type="date" name="dateInput" id="dateInput" disabled>
<input type="time" name="timeInput" id="timeInput" disabled>
<br>
<br>
<label>Shared with: </label>
<input type="number" value="0" name="sharedWith" min="0" max="5"></input>
<br>
<div class="text-center pt-1 mb-0 pb-1">
  {# <button type="button" class="btn btn-primary btn-block #}
  {# fa-lg gradient-custom-2 mb-0">Search for a ride</button> #}
</div>
<div class="text-center pt-1 mb-0 pb-1">
  <button type="submit" class="btn btn-primary btn-block
  fa-lg gradient-custom-2 mb-3">Request new ride</button>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>

```

```

<footer class="gradient-custom-2 text-white text-center text-lg-start">
  <!-- Grid container -->
  <div class="container p-4">
    <!--Grid row-->
    <div class="row mt-4">
      <!--Grid column-->
      <div class="col-lg-4 col-md-12 mb-4 mb-md-0">
        <h5 class="text-uppercase mb-4">About company</h5>

        <strong style="font-family:cursive;">KFUPM Ride</strong> is a web-application that helps students
        from KFUPM to schedule their rides from the university to places that
        students usually go to and vise-versa.</p>
        <p>Drivers will be KFUPM students who want to make a profit. Also, it enables students to
        share rides to reduce the cost on them.</p>
      </div>

      <!--Grid column-->
      <div class="col-lg-4 col-md-6 mb-4 mb-md-0">
        <!-- <h5 class="text-uppercase mb-4 pb-1">Search something</h5>-->

        <!-- <div class="form-outline form-white mb-4">
          <input type="text" id="formControl1g" class="form-control form-control-lg">
          <label class="form-label" for="formControl1g" style="margin-left: 0px;">Search</label>
          <div class="form-notch">
            <div class="form-notch-leading" style="width: 9px;">
            </div>
            <div class="form-notch-middle" style="width: 48.8px;">
            </div>
            <div class="form-notch-trailing"></div>
          </div>
        </div>

```

Login:

```
<div class="text-center">
  
  <h4 class="mt-1 mb-5 pb-1" style="font-family: cursive;"><strong>KFUPM Ride</strong></h4>
</div>
<form method="post">
  <p>Please login to your account</p>

  <p style="color: red">{{error}}</p>
  <div class="form-outline mb-4">
    <input type="email" id="email" class="form-control"
      placeholder="example@example.com" name="userName" value='{{user.userName}}' required/>
    <label class="form-label" for="email">Email address</label>
  </div>

  <div class="form-outline mb-4">
    <input type="password" id="password" name="password" class="form-control" required />
    <label class="form-label" for="password">Password</label>
  </div>

  <div class="text-center pt-1 mb-5 pb-1">
    <button class="btn btn-primary btn-block fa-lg gradient-custom-2 mb-3" type="submit">Log
    in</button><br>
    <a class="text-muted" href="notSupportedFeature.html">Forgot password?</a>
  </div>

  <div class="d-flex align-items-center justify-content-center pb-4">
    <p class="mb-0 me-2">Don't have an account?</p>
    <a class="transfers btn btn-outline-danger" href="http://localhost:3000/signup" >Create new</a>
  </div>
```

Signup:

```
<form method="post">
  <h6 class="mb-4 pb-2 pb-md-0 mb-md-4">Registration Form</h3>
  <p style="color: red">{{error}}</p>
  <div class="col-12 mb-2">
    <div class="form-outline mb-2">
      <input type="text" id="firstName" class="form-control form-control-lg" name="firstName" value='{{user.firstName}}'
        required minlength="3"/>
      <label class="form-label" for="firstName">First Name</label>
      <input type="text" id="lastName" class="form-control form-control-lg" name="lastName" value='{{user.lastName}}'
        required minlength="2"/>
      <label class="form-label" for="lastName">Last Name</label>
    </div>
  </div>

  <div class="col-12 mb-2">
    <input type="date" class="form-control form-control-lg" id="birthdayDate" name="birthDate" value='{{user.birthDate}}'
      required min="1900-01-01"/>
    <label for="birthdayDate" class="form-label">Birthday</label>
  </div>

  <div class="form-outline mb-2">
    <input type="email" id="newEmail" class="form-control"
      placeholder="example@example.com" value='{{user.email}}' name="email" required />
    <label class="form-label" for="newEmail">Email</label>
  </div>

  <div class="form-outline mb-2">
    <input type="tel" id="phoneNumber" class="form-control"
      placeholder="05xxxxxxx" name="phone" value='{{user.phone}}' required minlength="10" maxlength="10"/>
  </div>
```


1.4. Open source code reusability

❖ Bootstrap

2. Conclusion

2.1. Learnings from the project

It helped us understand how to collaborate in git and give feedbacks. Also, we learn more about how to work in a team and understand each other and merge our ideas to produce the best solution. Additionally, the project helped us to practice what we studied in lecture and apply it and learn new things to enhance the final product.

2.2. Limitations of your work

Our application is limited to KFUPM students who need transport from and to a common places like airport. Also, it is a way of collecting money for students who need to.

2.3. What would you do differently if you had more time

We will add more features and enhance its capabilities to produce more reliable application and integrate the application to serve students better.

3. Timeline and Tasks Distribution

Task	Assigned to	Deadline
Modeling	ASEM IBRAHIM AL-SAYED AHMAD KHALEL AL HAID	23 rd Oct 2022
Refining	AHMAD KHALEL AL HAID	24 th Oct 2022
Milestone: Requirements		
Sketch interfaces	ZIYAD ABDULHAMEED QUTUB	26 th Oct 2022
Write the HTML code	ABDULLAH HABAS ABUHELAL	29 th Oct 2022
Add style (CSS)	ASEM IBRAHIM AL-SAYED	1 st Nov 2022
Add JavaScript logic	AHMAD KHALEL AL HAID, ZIYAD ABDULHAMEED QUTUB	5 th Nov 2022
Milestone: Front-end		
Model the database	ABDULLAH HABAS ABUHELAL	15 th Nov 2022
Deploy the database	AHMAD KHALEL AL HAID	20 th Nov 2022
Link the back-end with the front-end	ASEM IBRAHIM AL-SAYED, ZIYAD ABDULHAMEED QUTUB	14 th Dec 2022
Milestone: Back-end		

4. Project Demo

<https://youtu.be/L8R5frixabc>