Portal Project

Thank you for your interest in our Software Engineer position, and congrats on making it through to the technical part of the interview process!

If you have any questions about any of these steps or need more clarity about anything, please feel free to reach out!

Build a small web application with a login system.

For this project you will need to create Front End using Angular, API using C# and a database using SQL Server. Feel free to utilize <https://material.angular.io/> for help with styling/components.

Below you will find some instructions and screen shots of a small project that will help us determine your knowledge of both front end and backend applications using Angular, C# and SQL.

When you have completed the project(s), please zip it and send it back to us. We will provide you with one drive folder to upload your files to it.

Database Instructions

* Create a database called **Portal** that you will use with this project.
* Create a Users table that has at least 2 main fields (Email and Password). Feel free to create any other necessary fields.
* Make sure that the data stored in the password field is encrypted.

API Instructions

* Create the API utilizing C# and best practices.
* Create endpoints for the login system that can do user validations.
* Use the following information:
  + First Name: Test
  + Last Name: User
  + Email: [test@test.com](mailto:test@test.com)
  + Password: test

Front End Instructions

* Create a front end utilizing the newest version of Angular.
* Create a login page that as a place to input an email, and a password (use references below)
* Please be sure to include any error handling that you would expect to see in a real world application.

Login page:

Graphical user interface, text, application

Description automatically generated

Password section

Graphical user interface, text, application, chat or text message

Description automatically generated

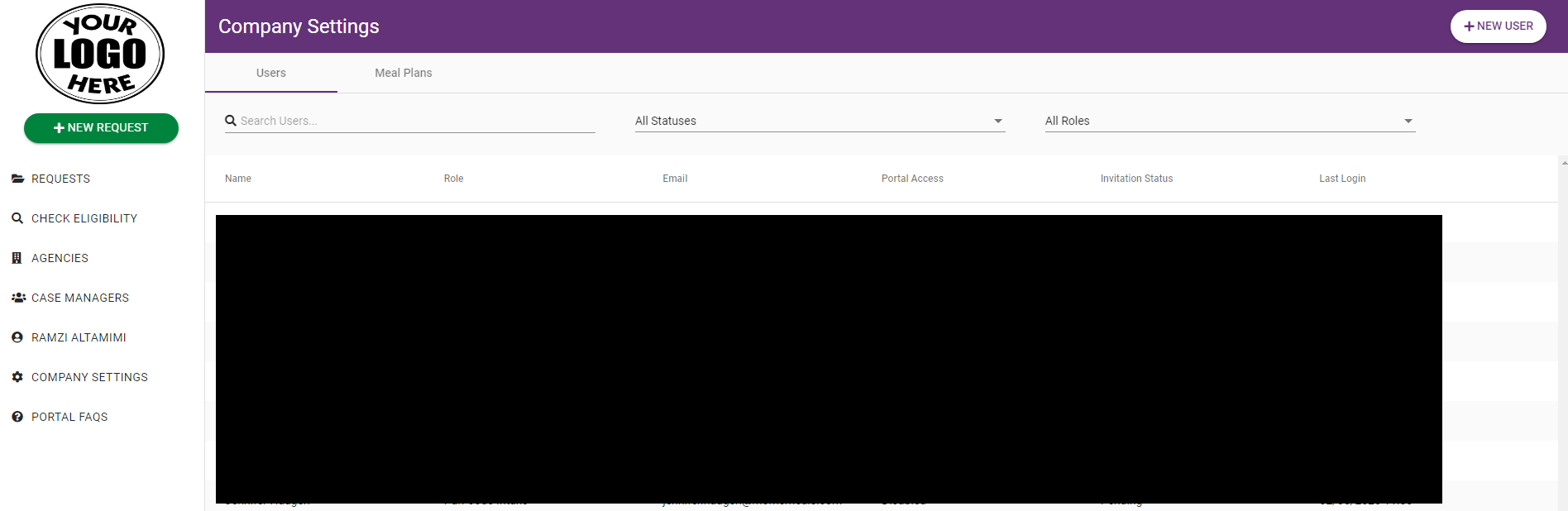
* When user logs in, they should end up on the new request page.
* Please create each tab in the side menu as seen below.
* Please create a logout that logs the user out.

Portal page:

Graphical user interface, text, application, email

Description automatically generated

Company Settings Page:

* You should be able to create a new user from the company settings page with an email and password the user should appear in the users grid after being added.
* You should now be able to log out and log in as the user that you just created.
* Feel free to add anything else that you think will add to the user experience.
* We need to make sure the search users feature works fine. As the user enter the search data the grid will be applying the filter automatically.
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Graphical user interface, application

Description automatically generated