# Developer Platform – Solution Engineer Web App Exercise

## Exercise

Create a web application that developers can use to view the API keys they have created on the Fiserv API Gateway. The application should have the following features:

1. **Registration functionality:** Developers should be able to register with the app using their email address. During registration they should be able to create a password and provide the name of their company and their phone number. The company name and phone number should be persisted for future use.
2. **Login / logout functionality**: Once registered developers should be able to log into the application. They should also be able to securely logout of the application.
3. **View list of Developer API Key functionality**: When developers log into the application they should be presented with a list of API keys they have created on the Fiserv API gateway. The list of API keys per developer can be retrieved from the API Gateway API at: <https://test.emea.api.fiservapps.com/dev-exercises/apigateway/>. The API specification for this API is provided in a separate file along within this document. See the **dev-platform-interview-exercise-apigateway-api-spec.yaml** file below.
   * **Note**:
     + The API Gateway API is a mocked API. For the purposes of this exercise assume that API keys are already present in the API gateway for the developers and are created as part of another process (which you do not have to implement).
     + The mocked API will accept a userId in any format. Please the userId created within your application during the registration process to retrieve the API keys.
     + The API key for accessing this mocked API is: **jcEe9AHR2DgK2DYt6tr0aJxyCOwzwkUt**

The candidate is free to implement the application using the technology stack or platform of their choice. During your second round interview you will asked to demo the application, discuss the how you implemented it and the technologies used.

