Southern Cross Health Society

Developer Technical Challenge

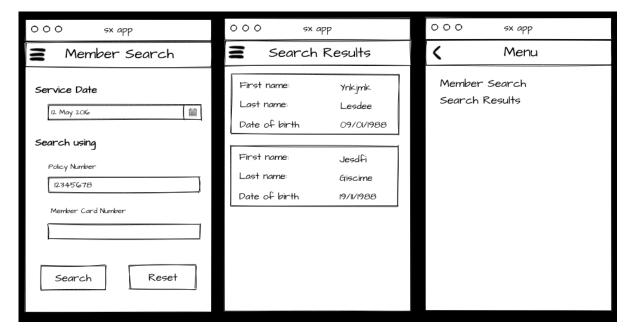
At Southern Cross, we tackle big problems within the insurance domain every day. Some problems require out of the box thinking to solve. Keeping this in mind, this technical challenge presents you a small real-world problem and gives you the flexibility to develop a solution. This challenge also considers your ability to communicate and present your solution to your team. We would like you to include important aspects of your thinking and problem-solving abilities with the submission of your solution. If you prefer, you can add these in your project's readme (README.md). Here are some examples of things you could add:

- Considerations & Decisions.
- Limitations.
- Design patterns.
- What you could have improved on.

The Challenge

- Create a single page application based on the wireframe and functional requirements provided below.
- The application should enable the user to search for a member using the member's
 policy number as a query parameter and view the information on the member
 returned from the search. The user might also find it beneficial to iterate through
 previous search results.
- Use a framework/library of your choice. (e.g. Angular)
- Create a simple RESTful Web API for the member search, using your preferred technology. (e.g. Node.JS/Express)
- The API endpoint should accept query parameters policyNumber and memberCardNumber
- Use a simple Json database technology (e.g. lowdb or similar) with the provided MOCK_DATA.json file for the data source.
- (Optional Task) Deploy your application to a cloud provider of your choice e.g.
 (Azure), and send us the URL.

Wireframe



Functional requirements

Navigation

- Clicking on the Menu icon displays the Menu page
- The items on the Menu page navigate to the Member Search and Search Results pages

Member Search Form

- Policy Number is a required field
- Policy Number should be a number
- Clicking the Search button displays the Search Results

Submission

- Complete the development challenge.
- If you are up for an extra challenge complete the optional task.
- Limit your time spent on the challenge. Do not spend more than 3 hours on the challenge, we care about your wellbeing first and foremost.
- Push your code to a public repo, include the steps to run your application in README.md and send us the URL.
- Your submission will be evaluated on: Clean Code, CSS, Responsive Design, State
 Management, Unit Tests, and you're thinking and problem-solving abilities.