Exercise #2

ANGULAR DATA BINDING

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* **Introduction**

This document is a specification for the exercise problems for the topic, Angular Databinding. It tests the student's level of knowledge and understanding of the topic.

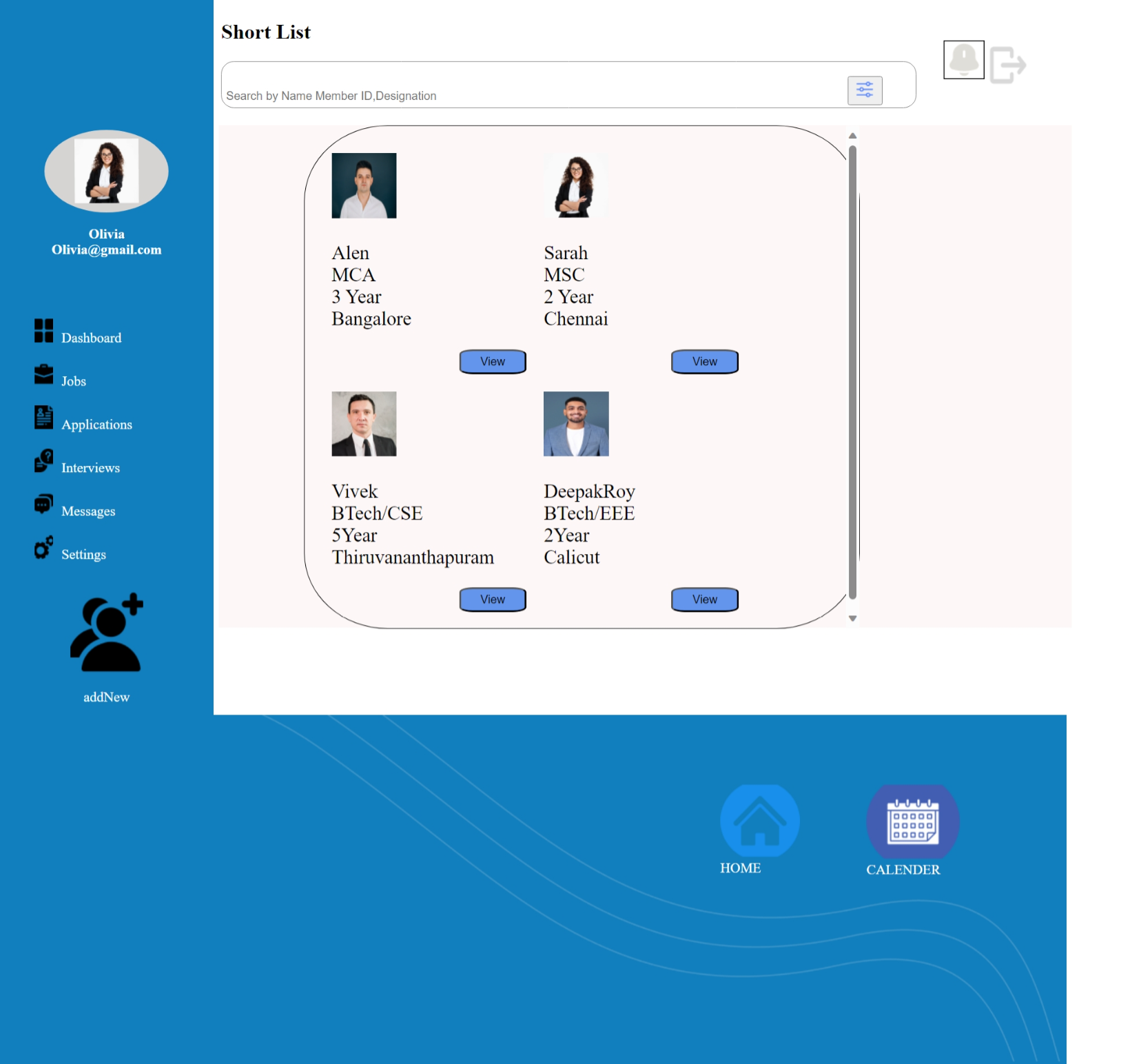
This document consists of a set of problems that the student needs to solve and submit to the trainer, in the format specified in the Deliverable section of this document.

This exercise is to be performed only after the theory and workshop sessions of the topic, hence the student would have enough knowledge and confidence on the topic. Ideally, the student should be able to solve the problems himself/herself; however, he/she can seek the assistance of the trainer or lab assistant in case he/she is stuck with a specific problem.

* **Objectives**

The objectives of this exercise are to test the student's understanding and knowledge on the topic, and to allow him to re-iterate his understanding by applying that knowledge in a software problem, so that he can use it in the further Programming endeavors.

**Problem 1:**



**Features to be developed**

Create an angular application with following components : sidebar component ,content component, header component and footer component . This component is responsible for managing a list of members and filtering those members based on a search term. Its component allows users to search for and filter members based on their names, providing a dynamic user experience for viewing member information. The filtered results are displayed in the template as specified in the HTML file associated with this component.

* **Deliverable**

The entire program should be developed in a single Basic Angular application and delivered as a git hub link.

* **Demo**

The student should demonstrate the program to the instructor on a PC, by explaining the features one by one.

* **Conclusion**

The completion of this exercise should re-iterate the student's confidence on Angular components. Please make sure you have gained enough confidence to move on.