C219 Front-end Web Development

**Lesson 7**

**Problem** Statement

Your Project Manager was pleased with the home page you built for the SOI Learning Portal. To complete the portal, the front-end needs to be integrated with the back-end for retrieval of data from the database.

Before this step, your Project Manager wants to see a prototype of the home page that showcases interactions like dropdowns, online/offline statuses, notifications, bookmarking and more.

You are to code these interactions for the home page:

* Dropdown menu for Courses with these items:
  + HTML
  + CSS
  + PHP
  + JavaScript
  + Python
  + Java
  + iOS
  + React
* Autocomplete for the search box containing tags in tags.js
* A dropdown for the notifications icon that shows messages (read and unread)
* A toggle feature for the avatar image, where the border is initially green (online) and turns grey (offline) on click
* A tooltip that says “Add to Bookmarks” when you mouse over the bookmark icon in a card
* Clicking the bookmark icon in a card adds the card into the Offcanvas body at the bottom of the page
* A carousel feature for the cards, which contains a total of 8 cards, 4 being displayed at a time
* A fully responsive page that adapts to smaller screens