

# COMP229 – Web Application Development

## Project Part 3 – Frontend Release

**Due:** End of Week 11

**Value:** 10%

Frontend Release

### Overview:

1. Your team is responsible for the **second release** of your Web Application. This is **NOT** a complete web application but rather your second project release containing most of the functional elements of your web application. This release includes the **frontend** with all **authentication** components.
  - Your site must include pages that allow your user to Login and Register.
  - Your site's **Main Navigation** must include Navigation Items (or other UI elements) that allow the user to navigate to appropriate security pages (**Login** and **Register**) and **Logout**. When your user is **not logged in**, the navigation bar should only show the **Login** link. When the user is **logged in**, the navigation bar should only show a **Logout** Navigation Item.
  - For this release, should have the CRUD operations for at least one model related to the type of project your team selected.
  - Any pages that allow the user to **Add, Update** and **Delete/Disable** data or objects should be protected and **require** a user to be **logged in**.
  - Note: Your site does not need to be pretty at this stage, just **functional**.
2. Your team must also demonstrate progress towards the final web application project by providing a link to the project's **GitHub repositories (Frontend and Backend)**.
  - Ensure that all repositories contain commits from each member of the group.
  - Ensure your project is organized, understandable and named appropriately.
3. You must keep track of your project by using an **Agile Project Management** tool (e.g. Jira, Trello, etc.). Your tracking tool should include a Backlog and a Task Board.
4. Create a Short Video presentation on **YouTube** or another streaming provider. You must include a short **PowerPoint** (or Google Slides) Slide Deck that includes **two slides**.
  - a. The **First Slide** of your Slide Deck must include, your **Team Name** and **Logo** (developed during Contract creation and Team Formation), the **Full Names** and **Student IDs** of all team members involved in the project, the **Course Code**, **Course Name**, and your **Project** information (which type of project you have selected)

- b. The **Second Slide** of your Slide Deck must include **current images** (mugshots) of each team member (no avatars allowed) that are displayed appropriately on the page. The team member's **Full Name** and **Role** must appear underneath their image.
- c. One or more team members will **demonstrate** your site's **functionality**. They must showcase each page working properly
- d. One or more team members will **briefly describe the code** in your web application that drives the functionality of various features of your site.
- e. Sound for your Video must be at an appropriate level so that the voice of any presenter may be **clearly heard**, and the screen resolution should be set so that code and site details are **clearly visible**.
- f. Your Short Video should run no more than 5 minutes.

**Submission Details:**

- Zip archives of your Projects' Files uploaded to eCentennial (backend and frontend).
- GitHub links to team's working project repositories (backend and frontend).
- Link to your Frontend published on any cloud provider or web host. (Penalty: 15%)
- Link to your Backend published on any cloud provider. (Penalty: 15%)
- A link to your Demo video (YouTube preferred).
- A snapshot of your Project's current backlog (PDF Format)