

# CSI3660 Term Project Requirements

## Grade: 150 points total

This document details the key points/services that you need to provide on your server for CSI3660. Your project will be graded based on demonstrating these key services:

### 1) Your service that was described in HW1 [50 points]

This section will form the bulk of your grade. You **must** have this working at minimum to get a reasonable grade.

If you create any script files or modify any configuration files, ensure that you put a **comment block** that summarizes your changes, including **your name** and the **date that it was updated**.

Note that you can use whichever machine you want to host the service, as long as you can **demonstrate it working**.

### 2) A webpage that presents an overview of your project [70 points]

- a. This can be a static webpage (as created in Lab 1), a Wiki, or content-management system.
  - i. Webpage must be hosted on the Google Cloud microinstance.
- b. Minimum points are available for the static webpage approach, extra credit will be available if you go above and beyond a static webpage.
- c. Your site should have the following, at minimum:
  - i. **Project summary** describing the project as a whole
  - ii. **Background**
  - iii. **Project overview** describing:
    1. What is the service and
    2. How to implement the service
  - iv. **Group members** who contributed to the project, including responsibilities clearly described.
  - v. **Screenshots** of it in action

Note, this can be a single page or multiple pages, as long as you have the correct information displayed. Also, this website must reflect correct spelling and grammar, this is to be treated as a professional report.

**3) A verbal presentation given to the class that: [30 points]**

- a. Introduces your team
- b. Introduces your particular service
- c. Demonstrates it in action (can be live or recorded, as necessary)
- d. Runs for approximately 5-10 minutes

**Additional extra credit) An implemented backup strategy [20 points]**

- e. You need to backup your important files on a regular basis using one of the tools discussed in class
  - i. You have free reign to select a strategy of your choice, but be prepared to discuss why you chose this particular strategy
- f. For this task, you need to have a script that is scheduled to run based on your strategy, and ensure that you backup your files to this location:
  - i. `/usr/local/CSI3660ProjectBackup`
- g. Make sure that your backup files are labelled appropriately (e.g., `backup_2016_11_01.tar.gz` – if you are using compressed tar archives to backup)
- h. Include a README file within `/usr/local/CSI3660ProjectBackup` that describes your backup strategy, which files are being backed up, etc.