**CCAPDEV Term 1, AY 2020 – 2021**

Machine Project – Phase 1

**Groupings:** At most 3 members in a group

**Deadline:** Dec. 6, 2021

**Percentage:** 20%

**Deliverables:**

zip file containing all files for the machine project

**Submission guidelines:** Submit the zip file to AnimoSpace

**Filename format:** CCAPDEV-Phase1-<Section>-Group<#>.zip

**SPECIFICATIONS**

Your task is to create a web application of your choice based on your proposed features.

**Phase 1 – Front-End Development**

* For this phase, the group is required to develop the front-end view of their proposed web application using HTML, CSS, and JavaScript.
* Aside from CSS, the group may also use interface libraries like Bootstrap and Meteor, among others.
* The group may use their preferred JavaScript libraries. Just ensure that the libraries are compatible to run with Node.js. Phase 2 requires the application to be connected to a Node.js server.
* All views by all users should be visible and navigable from the index webpage​. The group is required to implement the front-end view of all features in their project proposal. The back-end logic of the proposed features is not yet required to be implemented in this phase.
* Data may be hardcoded for now. There should be at least 5 sample data for each applicable feature. Data encoded should be life-like, thus no lorem ipsum generated paragraphs. For example, in a forum web application, there should be at least 5 sample users, 5 sample posts, and 5 sample comments across the web application.
* Students should collaborate through their assigned GitHub repository. The GitHub repository will be used as reference in case of problems with group collaborations.

**WORKING WITH GROUPMATES**

For this project, you are encouraged to work in groups of at most 3 members. Make sure that each member of the group has approximately the same amount of contribution for the project. Problems with groupmates must be discussed internally within the group, and if needed, with the lecturer.

**DELIVERABLES**

Submit a zip file containing all files for the machine project via AnimoSpace.

**HONESTY POLICY AND INTELLECTUAL PROPERTY RIGHTS**

**Honesty policy applies.** Please take note that you are **NOT allowed to borrow and/or copy-and-paste** – in full or in part any existing related program code from the internet or other sources (such as printed materials like books, or source codes by other people that are not online). You should develop your own codes from scratch by yourselves, i.e., in cooperation with your groupmates.

According to the handbook (5.2.4.2), “faculty members have the right to demand the presentation of a student’s ID, to give a grade of 0.0, and to deny admission to class of any student caught cheating under Sec. 5.3.1.1 to Sec. 5.3.1.1.6. The student should immediately be informed of his/her grade and barred from further attending his/her classes.”

**RUBRIC FOR GRADING**

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| **Criteria** | **Ratings** | | | | | | | **Points** |
| **Project Goals**  All views fulfill the project features stated in the project proposal. | **EXCELLENT**  **20 pts**  The group completely fulfilled the project features with 100% of the views present. | **VERY GOOD**  **15 pts**  The group mostly fulfilled the project features with 75% of the views present. | | **GOOD**  **10 pts**  The group somewhat fulfilled the project features with 50% of the views present. | **DEVELOPING**  **5 pts**  The group only fulfilled a part of the project features with 25% of the views present. | | **NO MARKS**  **0 pt**  The group did not try to complete the view of the project features at all. | 20 pts |
| **Navigation**  All views are navigable from the index webpage. | **EXCELLENT**  **15 pts**  All views are navigable from the index webpage. | | **GOOD**  **7 pts**  Not all views are navigable from within the site. The user has to access a page via its URL. | | | **NO MARKS**  **0 pt**  Views are all accessed through the file system. | | 15 pts |
| **Visual Design**  The view is aligned with the project features. | **EXCELLENT**  **10 pts**  The view is aligned with all project features. All views allow the user to use their corresponding features easily. | | **GOOD**  **5 pts**  The view is aligned with some project features. Only some views allow the user to use their corresponding features easily. | | | **NO MARKS**  **0 pt**  The view is not aligned with any project features at all. | | 10 pts |
| **Graphics**  Graphics are related to the purpose of the app. | **EXCELLENT**  **10 pts**  Appropriate graphics are used when necessary. Icons are easy to understand. If it is difficult to understand, icons are accompanied by supporting texts. | | **GOOD**  **5 pts**  Graphics are related to the purpose of the app but are not of good quality. | | | **NO MARKS**  **0 pt**  Graphics are not used, or only made the user distracted. | | 10 pts |
| **Content Organization**  Information within the application is well-organized and relevant to the user. | **EXCELLENT**  **20 pts**  The group organized the information according to the project objectives. | | **GOOD**  **10 pts**  The group made a minimum effort to organize the information according to the project objectives. | | | **NO MARKS**  **0 pt**  The group did not organize the information at all. | | 20 pts |
| **Total points:** | | | | | | | | 75 |