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|  | University of SharjahCollege of Computing and InformaticsDepartment of Computer Science **1501341**: **Web Programming**  Fall 2024 – 2025 |

**Course Project Description**

For this web programming course, as an integral part of the course evaluation, you will be designing and implementing a website on a topic of your choice. Your website should contain at least 5 webpages. Your website should be a completely working website given the technologies and tools that we will learn during the semester.

Project progress will be monitored throughout the semester according to the following stage schedule

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| --- | --- | --- |
| **Stage** | **Due date** | **Allocated Percentage of the project grade** |
| Forming groups | End of Week 3 |  |
| Topic selection | End of Week 4 | 10% |
| Content creation using HTML | End of Week 6 | 25% |
| Presentation formatting using CSS | End of Week 10 | 25% |
| Interaction support using JavaScript | End of Week 13 | 25% |
| Final Project submission and discussion | End of Week 14 | 15% |

**Forming the groups**

Each group should consist of at most 5 members. All members should collaborate on achieving the goals of the project and are expected to be involved in all stages of the project including design, coding, and continuous deployment.

**Topic Selection**

You are free to select the topic of your website. You should consider the following when you choose your topic:

* The complexity of the topic chosen should be proportional to the group size.
* The website should be built completely using only front-end technologies.
* Innovation should be considered.

**Content creation using HTML**

You need to build and link all the pages of your website using HTML. Your website should contain multimedia elements.

**Presentation formatting using CSS**

You need to format the appearance of the elements in your website using CSS. Typically, we expect to see an example of everything that we learned during the semester.

**Interaction support using JavaScript**

You need to add some interaction and user input verification to your website using JavaScript.

**Final Project submission and discussion**

Your project progress should be uploaded to GitHub. After creating an account on GitHub (https://github.com/signup?ref\_cta=Sign+up&ref\_loc=docs+header&ref\_page=docs), Follow the following steps to upload your website to GitHub (<https://docs.github.com/en/pages/getting-started-with-github-pages/creating-a-github-pages-site>).

Final project submission date and project discussion details will be announced later.