# **CSC154 Project Sprint 1 Overview**

**Objectives**

* Create the team project management plan.
* Select the project topic.
* Create the project overview documentation.

**Schedule**

* 09/16/2024 – 10/06/2024

**Readings and References**

* Chapter 1, 2, 3, 4, 5, 19 in the textbook and supplemental material.
* Course material posted at Black Board.
* Templates posted in Group Project Sprint 1:
  + Project\_Overview\_Template.docx
  + Weekly\_Report\_Template.docx

**Requirements and tasks**

* The **Project Manager** should collaborate with team members, organize and manage the group activities.
* **All group members** should be involved in the project development activities. Development tasks should be distributed to each group member.
* The Project Manager’s and each group member’s performance will be evaluated and factored into the project grade.

1. **Schedule the group kickoff meeting**

* **The Project Manager** schedules the group kickoff meeting and invites the team members to attend the meeting.
  + Your group’s channel on MS Teams can be used to schedule the meeting.
* **Each group** discusses and creates the project management plan:
  + Select the collaboration and documentation platform and tools.
  + Select the project management software and methodology. The following methodologies must be used for your team project development:
    - Agile
    - Scrum
  + Select documentation version control platform and tools. The following platform is suggested but not required:
    - GitHub
  + Plan the group meeting schedule. The following method must be used for your group project development:
    - Sprint

1. **Select Project**

* Choose the project by selecting one of the following two options:

1. Design a new project from scratch. Here are some ideas:

* A restaurant order system.
* An inventory management programs for small businesses.
* An application for online shopping.
* A tax estimation program.

1. Redesign an existing program:

* Redesign the current program.
* Add additional features.
* Enhance existing functionalities.
* When selecting project, students need to consider:
  + Student background and professional skills.
  + Project scope and course schedule restriction.
  + Availability and accessibility of hardware and software resources.
  + The feasibilities of completing the coding and testing in CSC289.

1. **Create and submit project overview documentation**

**Sprint Deliverables**

* Use the templates posted in Group Project Sprint 1
  + Project\_Overview\_Template.docx
  + Weekly\_Report\_Template.docx
* Weekly progress status report
  + The progress your group has made.
  + The challenges your group has solved.
  + What task each group member has completed.
  + Pending problems the need to be solved next week
* Project overview documentation
  + Project objective
  + Project scope
  + The collaboration and documentation tools your group plan to use
  + Project management methodologies your group plan to apply

**Submissions**

|  |  |  |
| --- | --- | --- |
| **Submitter** | **Document** | **Due Date** |
| Project manager | Week 1 Progress Status Report | 09/22/2024 |
| Project manager | Week 2 Progress Status Report | 09/29/2024 |
| Project manager | Week 3 Progress Status Report | 10/06/2024 |
| Project manager | Group Project Overview | 10/06/2024 |

**Grading Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Unacceptable** | **Needs Improvement** | **Good** | **Excellent** |
| **Weekly Progress Status Report (100 pts)** | The report is not submitted. (0 pts) | The report is not completed or does not meet all requirements. (1- 60 pts) | The report is mostly complete and generally meets the requirements. (61 – 99 pts) | The report is completed and meets all requirements. (100 pts) |
| **Project overview documentation (100 pts)** | The document is not submitted. (0pts) | The document is not completed or does not meet all requirements. (1 – 60 pts) | The document is mostly completed and generally meets the requirements. (61 – 99 pts) | The document is completed and meets all requirements. (100 pts) |