# **CSC154 Project Sprint 2 Overview**

**Objectives**

* Analyze and gather the requirements for the project according to the project overview.
* Create and submit the Software Requirements Specification (SRS) version 1.

**Schedule**

* 10/07/2024 – 10/20/2024

**Readings and References**

* Chapter 1, 2, 3, 4, 5, 6, 19 in the textbook and supplemental lesson.
* Documents and videos posted in References.
* Templates posted in Project Sprint 2:
  + Software\_Requirements\_Specification\_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. **10/07/2024 – 10/13/2024 ------- Gather and analyze the requirements and create the draft of Software Requirements Specification version 1**

**Project manager** willorganize the group meetings or other activities to gather and analyze the requirements for your group’s project:

* Review the project overview created in Sprint 1.
* Review all documents posted in “Group Project Sprint 2 Week 1”.
* Analyze and determine the following project requirements:
  + Business requirements
    - Define project’s high-level goals and what the customer hopes to achieve.
  + User requirements
    - Outline how the project will be used by eventual end users.
  + Functional requirements
    - Detailed statements of the desired capabilities and define what the application should do.
  + Non-functional requirements
    - Statements about the quality of the application's behavior or constraints on how it produces a desired result: performance, reliability, security.
  + Implementation requirements
    - Temporary features used to facilitate the transition to a new system, which are later discarded..
* Common requirements applied in software projects:
  + Screens and forms
  + Menus
  + Navigation
  + Workflow
  + Login and security
  + User types and permissions
  + Audit tracking
  + Archiving
  + Configuration
* Use **MOSCOW** method to prioritize the requirements.
* Choose at least one [**visual tools**](https://creately.com/blog/diagrams/requirements-gathering-techniques) (https://creately.com/blog/diagrams/requirements-gathering-techniques) to implement and record the requirements gathering:
  + User Story Mapping
  + Use Case Diagrams
  + Sequence Diagrams
  + Wireframes and UI Mockups
  + Process Maps and Flowcharts
  + Mind Maps
  + System Context Diagrams
  + Functional Decomposition Diagrams
* Create the **draft** of Software Requirements Specification version 1 using the posted template.
* Create and submit the Weekly Project Progress Status Report to Blackboard for credits.

1. **10/14/2024 – 10/20/2024 ------ Finalize the Software Requirements Specifications version 1.**

* **Project Manager** will organize group activities to finalize the Software Requirements Specification version 1.
* Submit the final version of Software Requirements Specification version 1 to Blackboard for grading.
* Create and submit the Weekly Project Progress Status Report to Blackboard for credits.

**Sprint 2 Deliverables**

* Weekly Project Progress Status Report for the week 10/07/2024 – 10/13/2024.
  + Due date: 11:59 pm on 10/13/2024.
* Weekly Project Progress Status Report for the week 10/14/2024 – 10/20/2024.
  + Due date: 11:59 pm on 10/20/2024.
* Final version of Software Requirements Specification version 1.
  + Due date: 11:59 pm on 10/20/2024.

**Submissions**

|  |  |  |
| --- | --- | --- |
| **Submitter** | **Document** | **Due Date** |
| Project manager | Week 1 Progress Status Report | 10/13/2024 |
| Project manager | Week 2 Progress Status Report | 10/20/2024 |
| Project manager | Final version of Software Requirements Specification version 1 | 10/20/2024 |

**Grading Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Unacceptable** | **Needs Improvement** | **Good** | **Excellent** |
| **Weekly Progress 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 completed and generally meets the requirements. (61 – 99 pts) | The report is completed and meets all requirements. (100 pts) |
| **Software Requirements Specifications documentation version 1 (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) |