



Statement of Work

SEmester

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Document History

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1.Document Objectives

The State of Work (SoW) document serves to outline the Project Scope and centralizes expected deliverables, rough estimates of project schedule and necessary detail in which requires understanding before the project initiation.

2.Project Description

SEmester is a web application for users to manage coursework, enhancing the learning experience for both students and teachers. Users of this application can be separated into 2 types by their responsibility; Teacher and Student.

Students can benefit from various features within the system that are designed to enhance their academic experience. They can easily submit assignments through a user-friendly interface, which simplifies the process. The platform also includes a grade viewer that uses an intuitive graph to help students visualize their academic progress and understand performance trends. Additionally, students can easily monitor their attendance records and keep track of their attendance history.

Teachers have several tools at their disposal to enhance their classroom management. They can streamline the assignment process, simplifying the task of assigning and collecting work. An announcement hub facilitates seamless communication with the entire class, ensuring everyone is informed. Additionally, teachers can effortlessly track and manage student attendance. With features like a grade calculator and class overview, they can evaluate student performance and gain valuable insights into class progress.

2.1. Definition, Acronyms and Abbreviation

Vocabulary	Definition
The In-House Final Product	The final product which have been produced within the Coffee Shop production process.
The Outside Final Product	The final product which haven't been produced within the Coffee Shop production process.
The Combined Final Product	The final product which resulted in the combination of the outside final product and the in-house final product.
The Production Report	The report that consist of sale report and how much materials that have been used after a given period of time, for that Daily Production Report or to include the Production Report of that day, the report must have been generated only if the Coffee Shop has

	been closed for that day. It is usually used by the Owner or the Management Employee(s) of the Coffee Shop.
Bill of Material	The master file of the recipe for each product, it use for both checking and reducing the material in the stock, since Bill of Material use for defining how much quantities of raw materials will be used for the normal scenario (that is, when the producer produce the product according to the Bill of Material).

2.2. Scope

1. **Inventory Management:** The application will allow Owner to track their inventory levels for various ingredients and supplies. They will be able to add new items to the inventory, update quantities as they are used or restocked, and set up alerts for low stock levels.
2. **Order Management:** The application will allow Employee to manage orders more efficiently. They will be able to view incoming orders, update their status, and notify customers when orders are ready for pickup or delivery.
3. **Reporting:** The application will generate reports on various aspects of the coffee shop's operations, such as inventory levels, sales by product, and staff performance. These reports will help managers make informed decisions about production, pricing, and staffing.
4. **User Management:** The application will allow Administrator to manage user access and permissions. They will be able to add new users, assign roles (such as manager, barista, or delivery driver), and control which features each user can access.
5. **Security:** The application will be designed with security in mind, using best practices for authentication, authorization, and data encryption.

2.3. Objectives

1. Develop a web-based application that helps Owner manage their production processes more efficiently by providing features for tracking inventory, scheduling staff, managing orders, and generating reports.
2. Enable Owner to track inventory levels for various ingredients and supplies, add new items to the inventory, update quantities as they are used or restocked, and set up alerts for low stock levels.
3. Allow Employee to manage orders more efficiently by viewing incoming orders, updating their status, and notifying customers when orders are ready for pickup or delivery.

4. Generate reports on various aspects of the coffee shop's operations, such as inventory levels, sales by product, and staff performance, to help Owner make informed decisions about production, pricing, and staffing.
5. Enable Administrator to manage user access and permissions, add new users, assign roles, and control which features each user can access.
6. Design the application with security in mind, using best practices for authentication, authorisation, and data encryption.

2.4. Project Progress Report

The Project Manager (PM) shall formally provide a Progress Report to the client, commencing from the initiation of the project, also known as Project Kick Off, and continuing at regular intervals of one month. This reporting requirement will be triggered following the approval of the Project Proposal.

3.Expected Deliverables

No.	Artefacts	Media	No. Of copies	Date
1	Project Proposal	Artefacts: Hard Copy	3	15/11/2024
2	First Milestone: <ul style="list-style-type: none">- CSMP_SoW_1.0- CSMP_SRS_1.0- CSMP_SD_1.0- CSMP_PMP_1.0- CSMP_TP_1.0- CSMP_TR_1.0- Software Version 1.0	Artefacts: Hard Copy Software: Dedicated Repository	3	21/01/2025
3	Second Milestone <ul style="list-style-type: none">- CSMP_SD_2.0- CSMP_PMP_2.0- CSMP_TP_2.0- CSMP_TR_2.0- Software Version 2.0	Artefacts: Hard Copy Software: Dedicated Repository	3	25/02/2025
4	Third Milestone <ul style="list-style-type: none">- CSMP_SD_3.0- CSMP_PMP_3.0- CSMP_TP_3.0- CSMP_TR_1.0- Software Version 3.0	Artefacts: Hard Copy Software: Dedicated Repository	3	11/04/2025

Note:

SoW = Statement of Work

SRS = Software Requirement Specification

SD = Software Design

TP = Test Plan

TR = Test Report