

# Douglas College



**Module Code:**

CSIS 4495 – 071

**Module Title:**

Progress Report 1

**Year & Semester:**

2025 Fall

**Alternative Industries: Weather Driver**

Student ID	Student Name
300391004	Chetan Kaur

**Instructor: Bambang, Sarif**

**Due Date: Sept 27<sup>th</sup>, 2025**

## Work Logs

Chetan Kaur

Date	Number of hours	Description of work done
Sept 3, 2025	1 hours	Took part in group meetings and discussions to explore and select the project for the course.
Sept 6, 2025	0.5 hours	I had a meeting with the professor to review potential project choices, discuss ideas, and receive guidance and suggestions for the project.
Sept 9, 2025	0.5 hours	Created a Riipen account using the professor's invitation, explored its functions and features, and connected with the project manager.
Sept 10, 2025	1 hours	Attended an online Zoom kick-off meeting with the Project Manager to discuss and gain a clear understanding of the project requirements and deliverables.
Sept 13, 2025	0.5 hours	Updated the professor on project progress and shared the outcomes of the meeting with the Project Manager. Also discussed the proposal submission, deliverables, and expected outlines.
Sept 13, 2025	3 hours	Worked on drafting the proposal and researched the Weather Driver app. Reviewed the provided

		Figma screens, analyzed the UI, and identified key functions and features to be included. Focused on Agile methodology and selected the Scrum framework.
Sept 16, 2025	4 hours	Attended meeting with the Project Manager to discuss project deliverables and GitHub collaboration. Worked on the project proposal, created and updated Gantt charts, updated the proposal document, set up Jira, and worked on Agile Scrum methodology including sprint planning.
Sept 19, 2025	3 hours	Cloned and set up the repositories on the local system. Configured the project environment, set up the front-end, and used Expo to successfully run the initial front-end build.
Sept 20, 2025	2 hours	Explored backend technologies that were new to us. Scheduled a meeting with the tech team to clarify, but they were unavailable. Encountered issues running Expo due to errors, which blocked further progress.
Sept 22, 2025	1 hour	Worked on updating the project proposal, fixing formatting issues, and preparing the final reviewed version.

Sept 24, 2025	2 hours	Connected with the tech team to clarify backend and Figma questions. Learned that front-end code is in TypeScript, but project approved using JavaScript. They agreed to provide AWS keys for backend connection. Worked on login screens, password setup screens with Pravesh and Pukar.
Sept 26, 2025	2 hours	Reviewed the shared backend setup video and studied the process for integrating the system.
Sept 27, 2025	3 hours	Worked on “Progress Report-1”, compiling work logs, descriptions, and repo updates into the report document.

## Description of Work Done

The work began with setting up both the front-end and back-end repositories on the local system and analyzing the existing codebase. During this process, we discovered that the front-end was implemented in TypeScript, while the back end was developed in Python, even though the technology stack document provided by the project owner listed JavaScript and Node.js.

After configuring the repositories, I attempted to start the front-end using Expo. The landing page loaded successfully, but the login functionality and navigation were not working as expected. To address these issues, I scheduled a meeting with the project owner. However, we initially faced difficulties in reaching the technical team.

In the follow-up meeting with the technical team, we discussed the backend setup process and the use of TypeScript in the project. Since our team is not familiar with TypeScript, the client agreed

to allow us to proceed with JavaScript instead, as they preferred us to focus on implementation rather than spending time learning a new language.

In addition to the technical challenges, we identified problems with the Figma designs provided. The policy screen was inaccurate, the navigation bar was missing, and the design files were not interactive, which made it difficult to understand the complete user flow. These limitations affected our ability to preview screens and plan the integration properly.

To move forward, the client suggested converting the screens from TypeScript to JavaScript, beginning with the login screen, while they prepared to share AWS keys and provided a video tutorial for backend setup. For now, the focus has been on structuring the front-end project and beginning work on the login screen implementation.