

CEG4913 Weekly Progress Report

Week #: 8

SCRUM/Sprint No. 15

Group Number: 3

Date: November 13th, 2025

One line summary of progress: The prototype hardware was tested, and the software development included completing the forgot password feature, starting driver sorting implementation, and finishing the login/driver selection APIs on the UI.

Work Completed

Hardware:

- Printed and tested prototype with components

Software:

- Forgot/reset password implementation completed
- Began implementing the ability to sort drivers
- Completed login/driverSelection APIs on the UI Screen

Team Member Contributions:

Aaditya Shah:

- Implementing the stereo depth algorithm

Abdullah Ramadan:

- Designed new camera mount

Keith Tran:



- Completed twillio implementation and tested its functionality

Kevin Dang:

- Completed forgot/reset password implementation
- Began working on sorting drivers functionality

Hajer Fguir:

- Worked on the DB APIs for the UI Screen
- Completed login authentication





Login To Your Account To Get Started





Sign In

Invalid credentials

- Completed the drivers list API



Who is driving ?

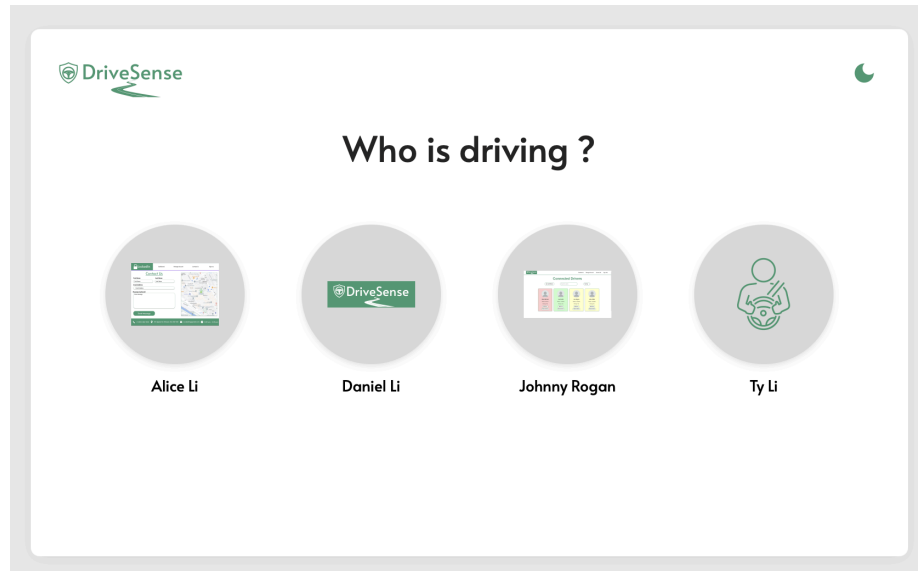


Alice Li

Daniel Li

Johnny Rogan

Ty Li



Saurav Guduru:

- Completed yawning and alertness machine learning model

Issues and Resolutions:

Issue: None

Status: N/A

Resolution: N/A

Plans for next week:

Hardware Goals:

- Improve and complete prototype for main body

Software Goals:

- Implement logic for video capture
- Create logic for automatic event generation
- Complete API integration for screen UI
- Finish driver sorting functionality
- Complete sensor data implementation

Management Board Screenshots:

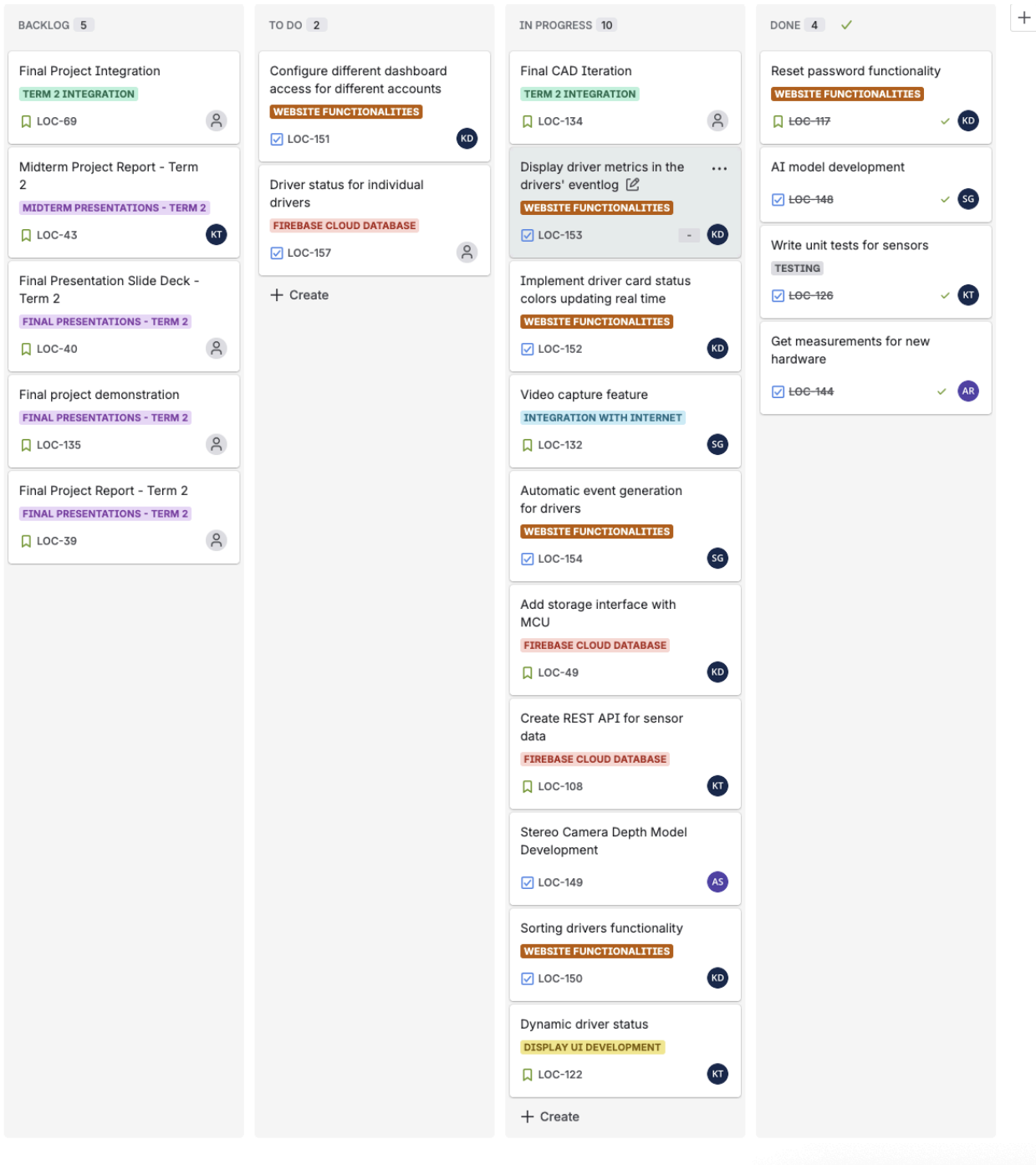


Figure 1 - General Management Board

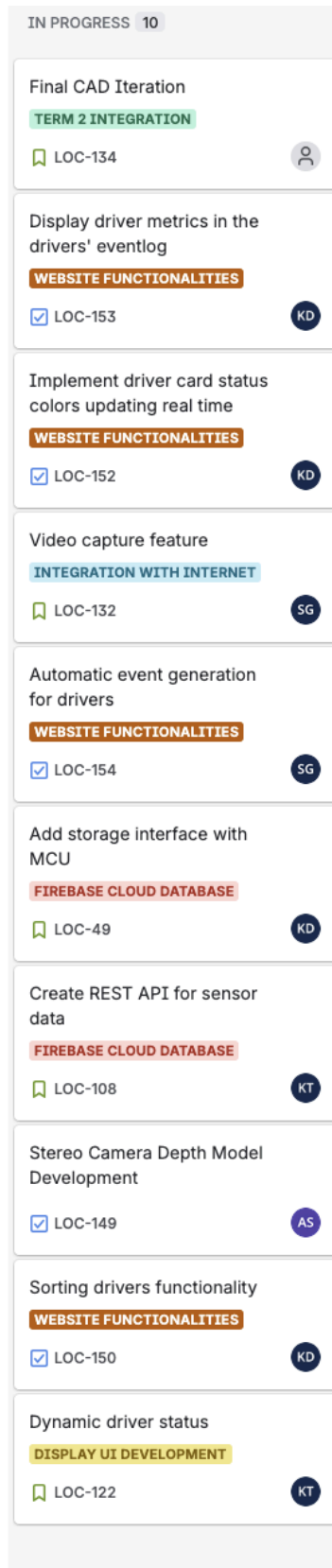


Figure 2 - This Week's Sprint

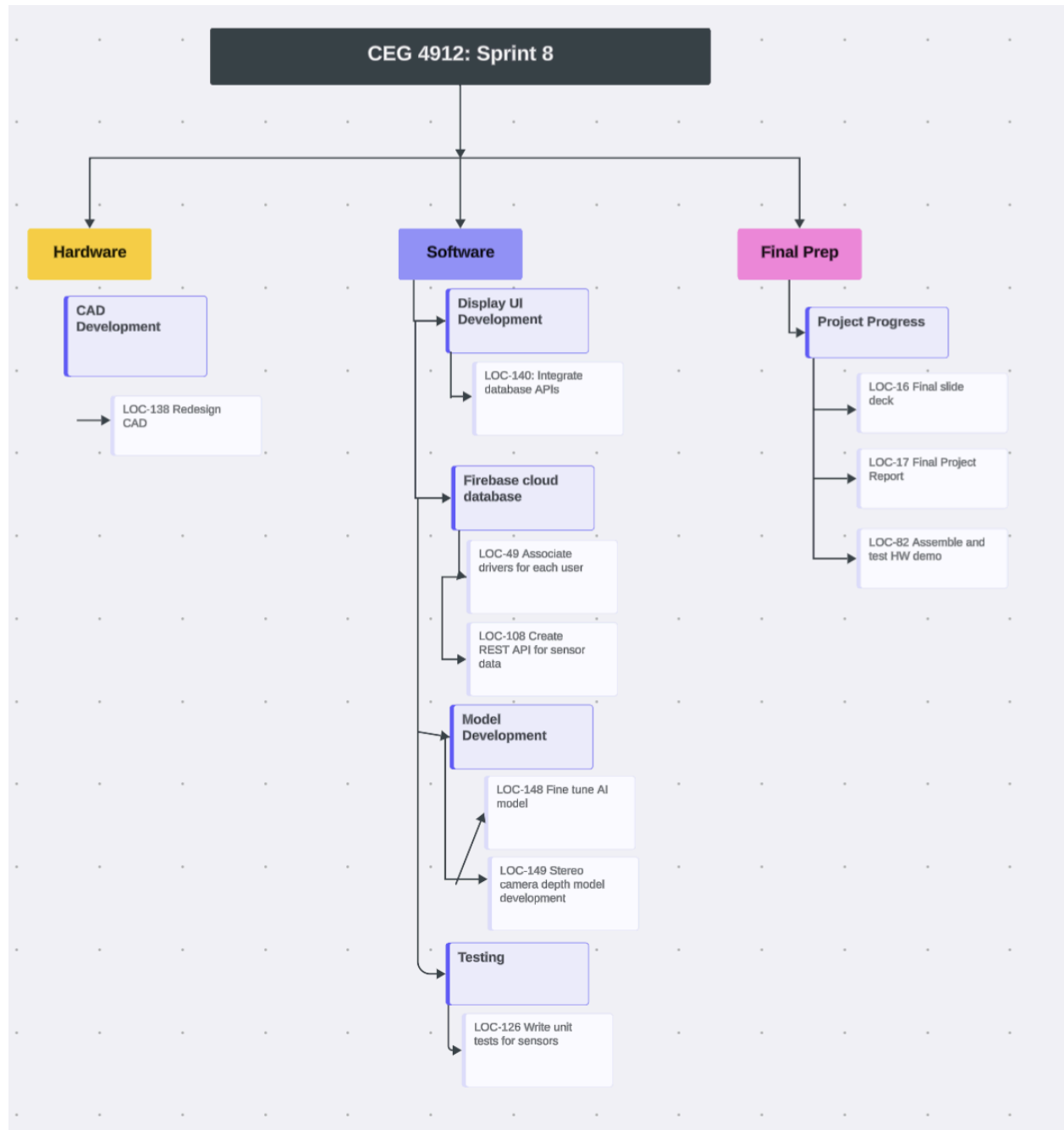


Figure 3 - WBS

Additional Notes: