AI Reflections
- Which technologies did you use?
    - ChatGPT, Copilot

- What was your goal in using these technologies?
    - Improving coding efficiency, troubleshooting and debugging, and generating code for the XML files to help with designing the UI. Better organize and understand other group's code

- What are the advantages of using AI technologies for this goal? Describe your positive experiences.
    - Provides solutions to problems that we may not have thought of, generates boilerplate code, and reduces debugging time. Easily organize documents, especially when converting Word write up into markdown.

- What are the disadvantages of using AI technologies for this goal? Describe your negative experiences.
    - Needs debugging for code generated and the correctness and security of the code need to be verified.

- How much did you rely on the technology (0 – 100%)?
    - Around 50%

Team Contribution

Amaan Siddiqi - Analyzed front end code for any problems and weaknesses. Wrote Geofencing and Route Worker Tests, as well as organizing test files to be more readable and maintainable. Wrote pros and cons of front end of other team and gave them ratings, and also wrote scenarios for our own tests. Time Spent ~36hrs

Patrick Chen - Wrote Mocked and UnMocked test case for backend API (addTask, deleteTask, FetchGeofences, getAllTask, Login). Wrote two non-functional tests in backend server. Create an automation workflow of jest testing on Github action. Read through without-mock and non-fucntion tests of peer group along with their backend server controller code. Make evaluation for each of these files.
Time Spent: 30hrs

Jingyang Cui - Created Mocked and Unmocked test cases for backend API (FindOptimalRoute). Evaluated peer team's backend code base and identified the main fault. co-write: backend review, section 2 (mocked test), and section 4 (fault) and section 2 of test document.
Time Spent: 29h

Misty Penner - Worked on front-end end-to-end testing. Built the tests for the Manage Tasks use case. Built the initial code to handle logging in and accepting location permissions. Worked on the code for our second non-functional requirement testing (RoundTripTimeTesting.kt). Resolved some bugs found in our front end code in response to some tests. Set up Codacy and resolved almost all of the issues it presented. Helped review peer group's front-end code and identified patterns of issues involving repeated code use and readability. Reviewed peer group's Codacy results.
Time spent: ~40 hours.