**Project description**

**Overview**

Topic

Our group project idea is to develop a mobile app called “Learner’s eLog” which will allow users to record their driving data. It will inevitably make the current method of recording drives redundant which is one of the main aims of developing the app. This will remove all pen and paper hassles and the mistakes that follow along with it. Users will be able to record all data like as required on the actual physical log book. They will no longer have to face the frustrations of rewriting log entries every time a mistake is made. Not only that, it will make recording these entries super easy and convenient without having to pull out pen and paper every time learners finish a drive.

Motivation

Overall, the project is mainly aimed at making the journey for the new learning driver easier and less of a pain when it comes to making drive entries. Being a learning driver at some point in our lives, the idea for this project only surfaced from the frustrations we have endured and experienced throughout our learner’s journey from using the physical log book. As a result we have decided to action into our own hands and develop an app to eliminate the very hardships we have faced from using the dreaded log book. A lot of people are really lazy and when it comes to filling in the logbook, most people cannot  be bothered doing it. In a world where most things are done electronically, the physical logbook can see itself being replaced by a mobile app in a few years time. For a future employer like VicRoads the official government vehicle body for Victoria, it would very beneficial for them to not only increase the transparency and reliability of a learner’s entries but to make them more convenient and accessible from the pocket.

Landscape

Similar apps are available in app stores. Competitors can vary from individuals to official government vehicle bodies. Some of the main differences we have compared to their apps is live tracking. This kind of feature makes filling in log entries easier and more convenient as it features tracks required areas like weather conditions, traffic conditions, time of day and much more. The app will also feature anti-cheating software to prevent users from making false or misleading driving logs. As well as that, fingerprint technology will be used (if phone has any) to verify the driving instructor/supervisor for each drive. Additionally, users will be able to view their driving statistics and habits calculated and determined respectively over the course of their driving history.