

BUSTRACKER: Cloud Based Bus Tracking Application

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Project Background

- Public transportation is a new and facilitated service which enables peoples to reach their desired destination without the need to use their personal vehicles.
- However, low accuracy of the bus schedules tend to cause many problems for the bus passengers.
- Moreover, most of the time, the bus will not arrive on the time which has been already provided on the schedule due to many causes such as traffic jam.

Novelty/ Originality/ Inventiveness

- BusTracker can be used in all transporation type easily costing the minimum.
- Cloud-based BusTracker application will serve as a real time tracking system.
- The first tracking Android mobile App for RapidKuantan.

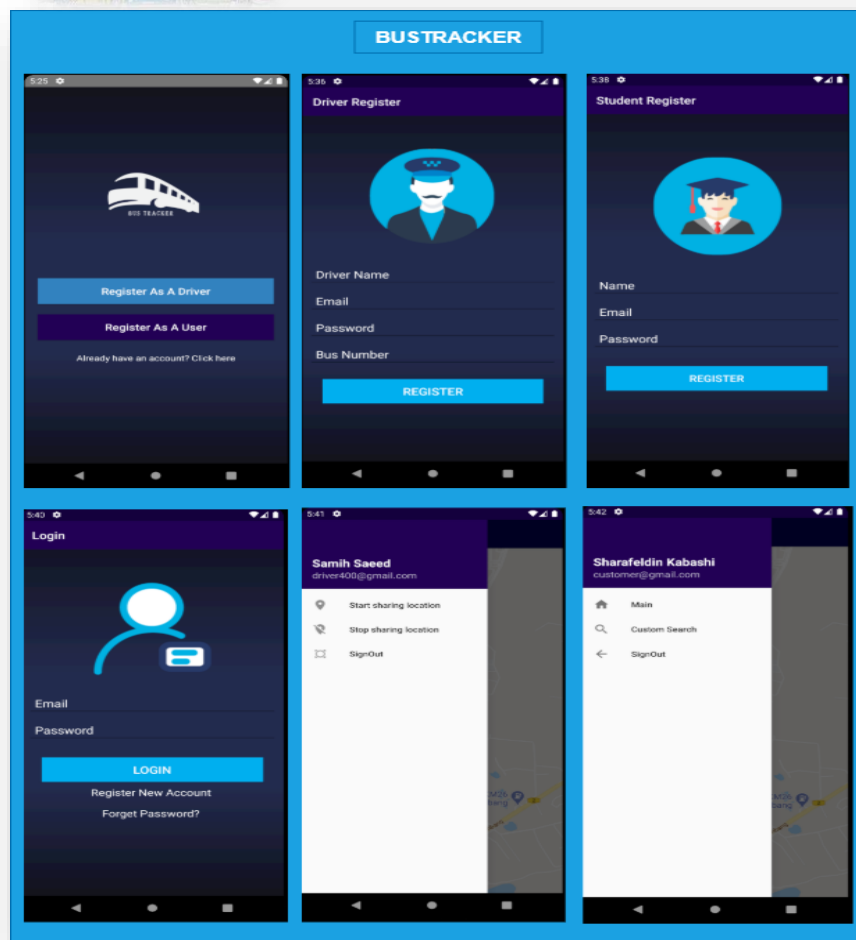
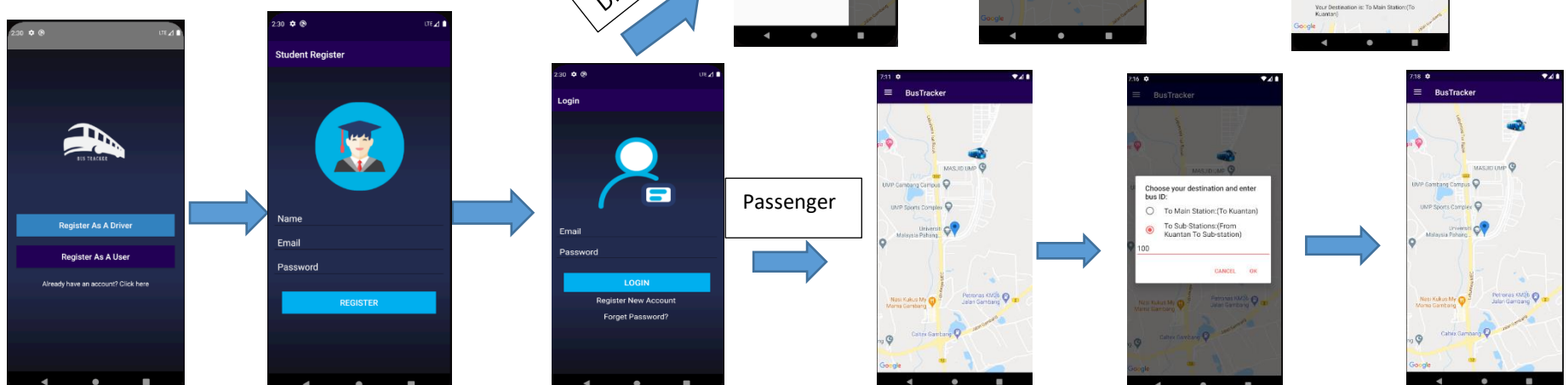
Benefits/Usefulness/ Applicability

- Works as a medium for bus passengers to know the exact realtime location of the required bus which will saves both time and effort.
- Serve as a real-time search engine for the passenger to look for their desired bus by entering its ID and their headed detination.

Status of Innovation

- A fully functional cloud based android mobile application
- A complete set of software formal reports (Software Requirements Specification + Software Design Document)

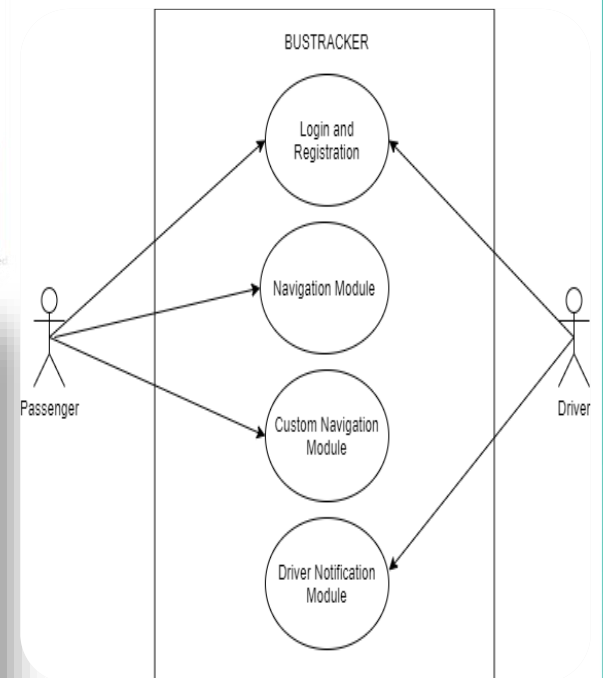
BusTracker Process



Environmental Impact

- Provides a better and healthy environment by reducing the daily traffic jam, this can be achieved when people find public transporations is convenient.

State of the Art/ Methods



Marketability & Commercialisation

- Smart Cities.
- Transportation systems
- Public and private transportation

Cost Analysis

- The system will be sold to any transportation company RM15K/license (ONE-month free maintenance)
- Bus passengers will use the App for free

Collaboration/Industrial Partner

