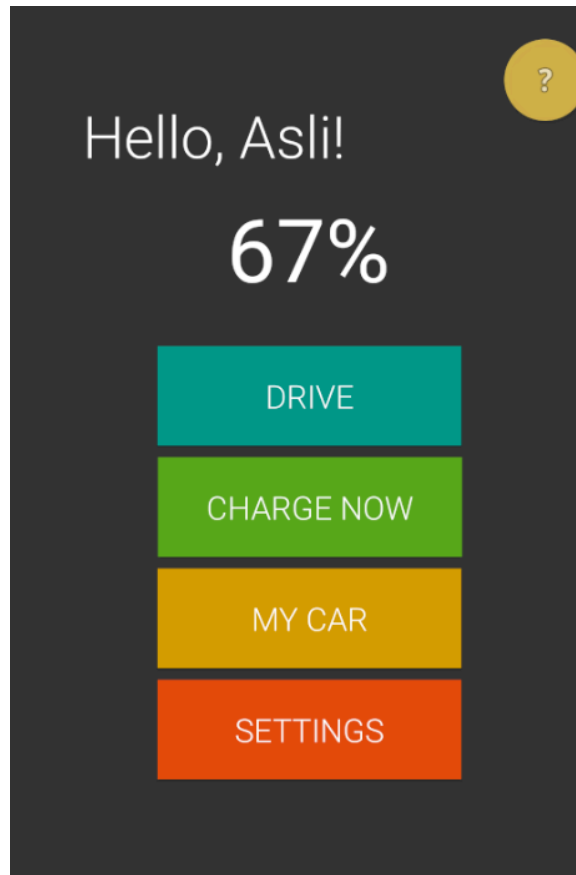


EV Charging Assistant:

Everything about your EV

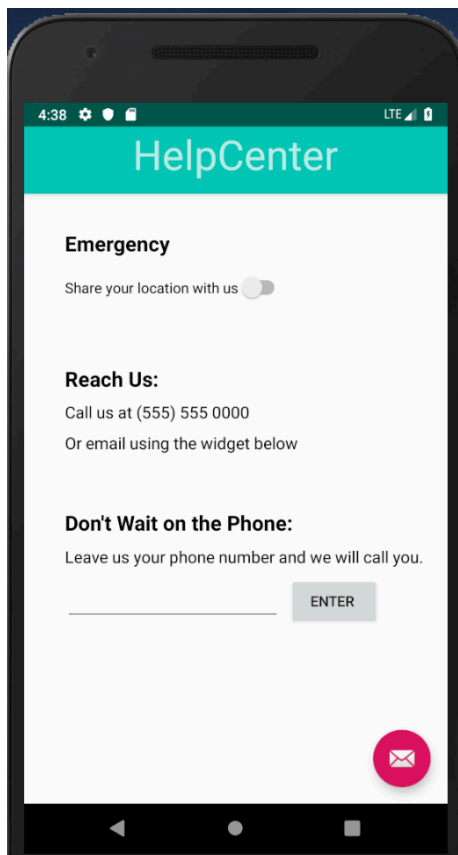
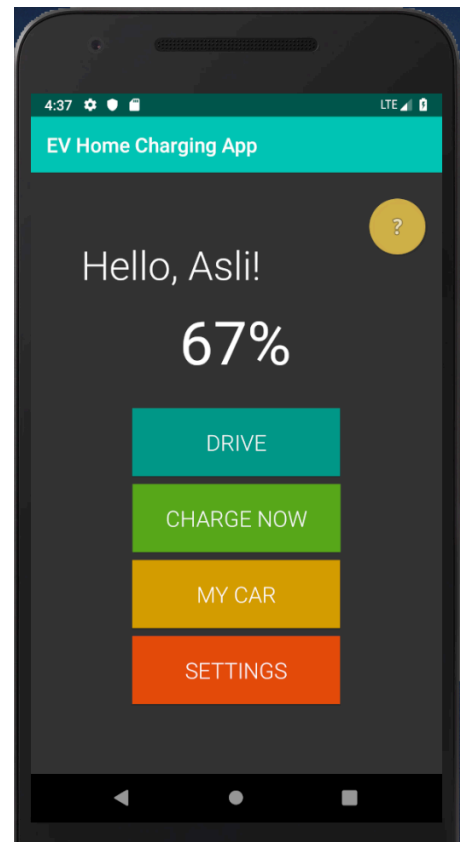


Link to Video: <https://youtu.be/u43xjyCMM3k>

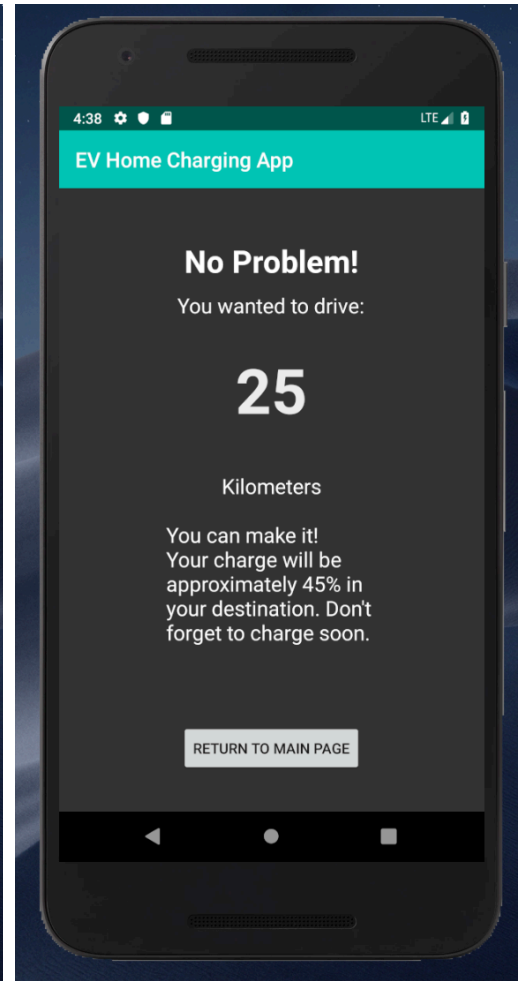
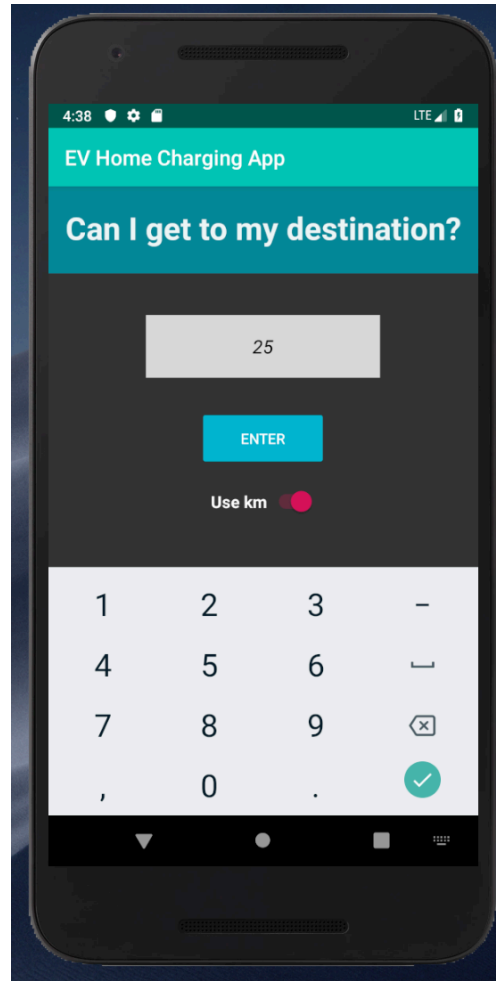
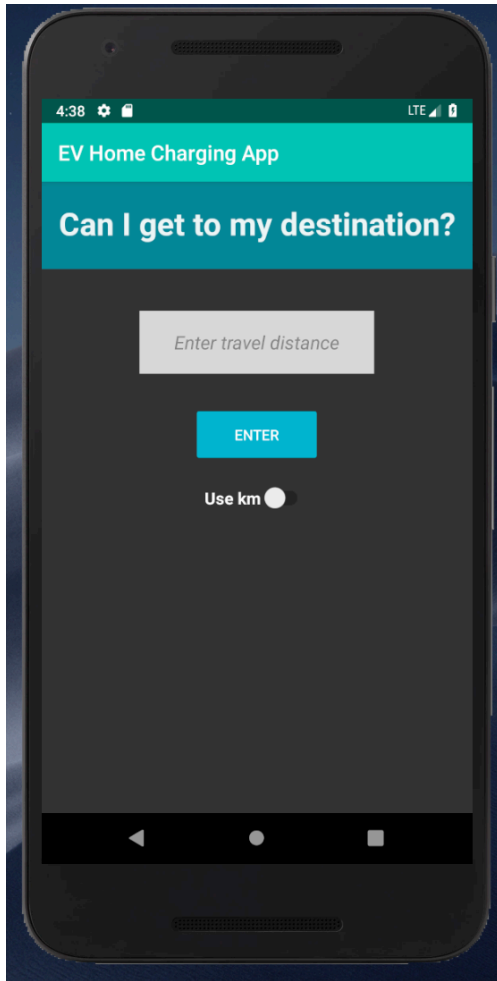
Github Repo: <https://github.com/asliakalin/electric-vehicle>

Introduction to Companion App & How it Works:

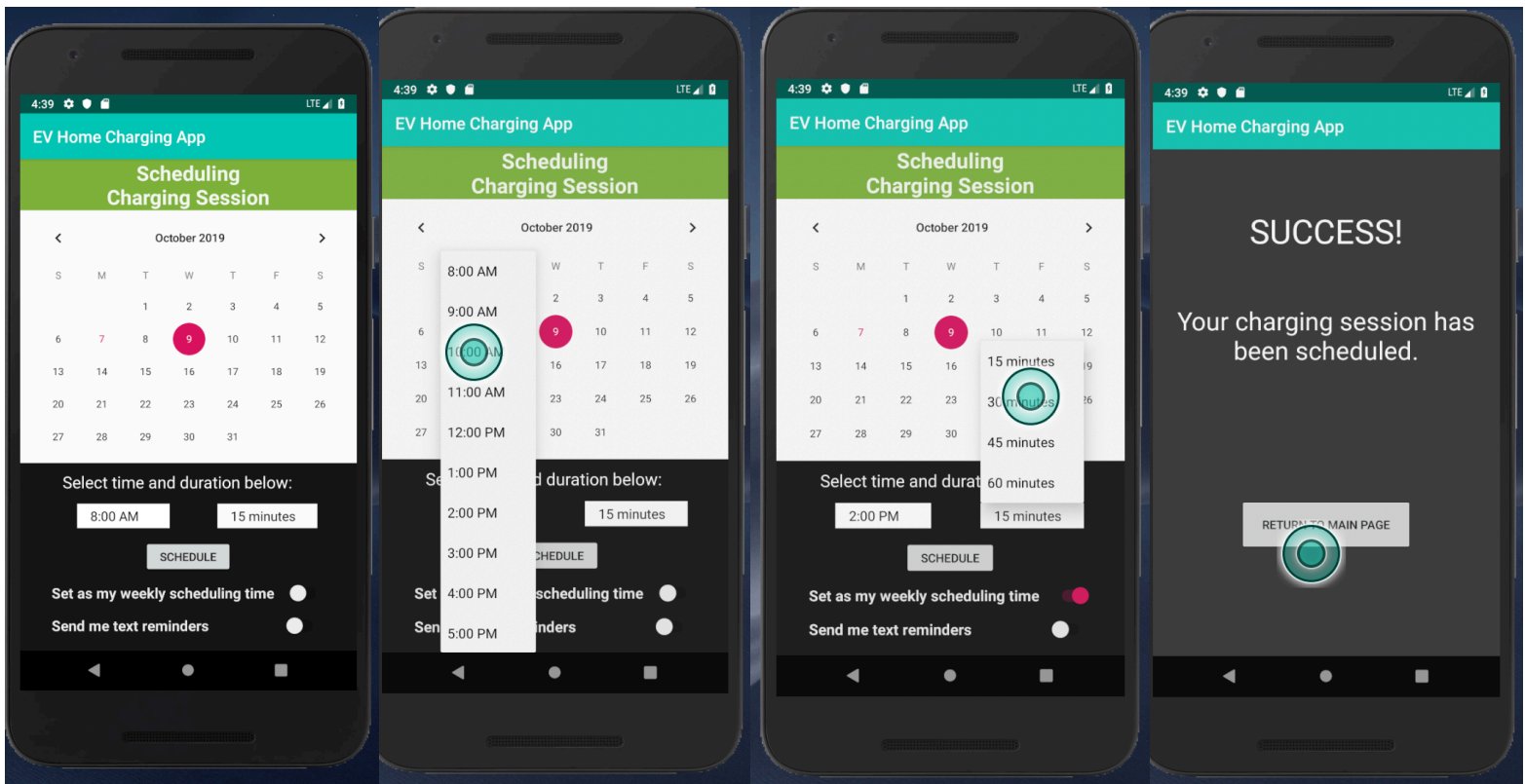
- The app's landing page is meant to be simple and straightforward. One of the main goals of using this companion app is to **track your current battery**, so central to the main page is your current battery percentage, tracked live with your car.
- The personalized interface also greets you with your name and saves your information and settings under "My Car" and "Settings" views.



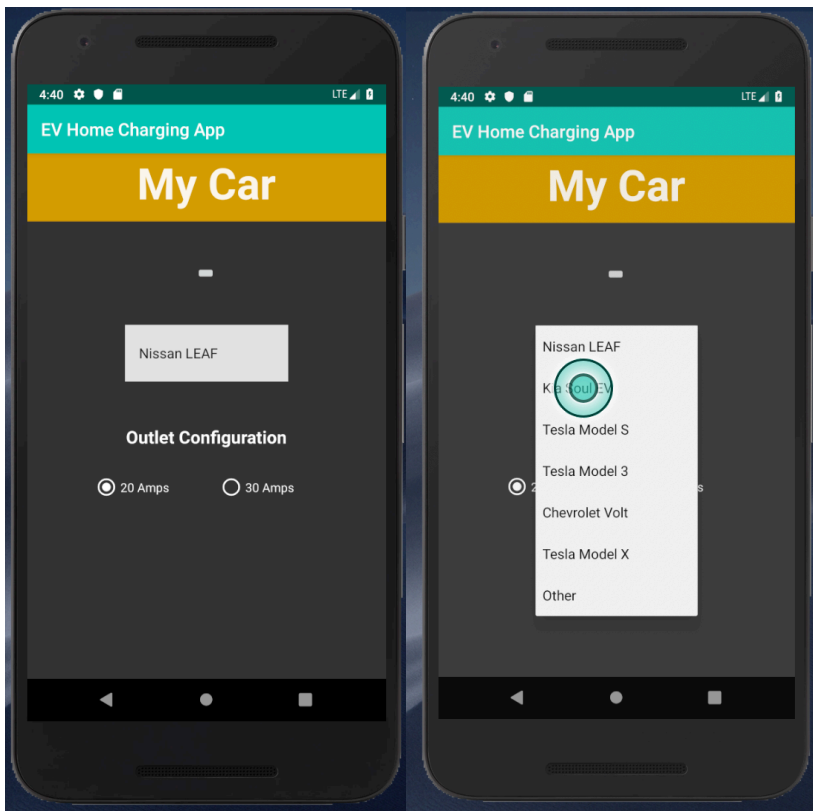
-From the main page, the upper right “?” button allows access to the Help Center view where the user can **share the location of their car** in the case of an emergency. For example if their car has a problem and their phone is about to die, they can just share their location for the help to come and locate them. Help Center also gives options for **users to call or email the help center about other issues or leave their phone number for an operative to call back.**



- Once the user selects “DRIVE” option from the main menu, they can **input the distance to their destination** to check if the car’s current battery is sufficient to reach there without immediate charging.
- The user can also **select between using the default miles option of switch to kilometers option** to enter the distance.
- Once the distance is entered, the resulting screen will **give user information about whether they can get to their destination with their current battery, and also give information on approximate battery at their destination.**
- This view and its features aims to make it easy for the users to make last minute charging decisions and prioritize small tasks if there is no immediate need for charging.



- The option “CHARGE NOW” from the main page **allows the user to pick a date, time and charging duration to charge their electric vehicle.**
- Once the user picks a date, the **available times for that day appear in the dropdown menu.**
- After picking one of the available times, the **user can also pick a duration for their charging** needs and schedule the charging session.
- When the charging session is scheduled, the user sees the “Success!” screen confirming their scheduled charging session.
- This screen also **allows the user to receive notifications and reminders about their scheduled charging sessions** by enabling the text reminders.
- The user also have the option to **set this time as their weekly scheduled charging session.**



- From the main menu the user can select “My Car” option to set information about their vehicle such as **picking the vehicle type and the outlet configuration.**

- Lastly, the “SETTINGS” button from the main menu brings the user to the page where the **user can set their notification settings including: enabling email notifications, reminders for scheduled sessions, and getting live notifications when the car battery is below a certain percentage, with 50%, 25% and 10% options.**

