

Auto Narrator



INTRODUCTION

Auto Narrator is a mobile app with a goal of addressing two main problems: people can be bored on their commute and lack of knowledge about their geological area. This is accomplished by delivering rich information about local landmarks via a text-to-speech mechanism. The user simply turns on the app and then begins their commute. The Auto Narrator will deliver personalized, pertinent information about nearby historical landmarks, all while the user travels to their destination.

The average American drives about 18 days per year.

55% of people have a local landmark they want to check out but haven't

30% of the population are auditory learners



PRIOR WORK

GoPly Guide - National Parks Tour Guide

- + Audio Based Communication
- + Location based notification
- Limited Domain
- Notifies User through notification

Field Trip - Google Glass Tour Guide

- + Useful for people who travel on foot
- + Information based on points of interest
- Gives info to user in text form
- Needs Google Glass to use

METHODOLOGY

Location Tracking

- Use current longitude and latitude to find local landmarks

Web Scraping

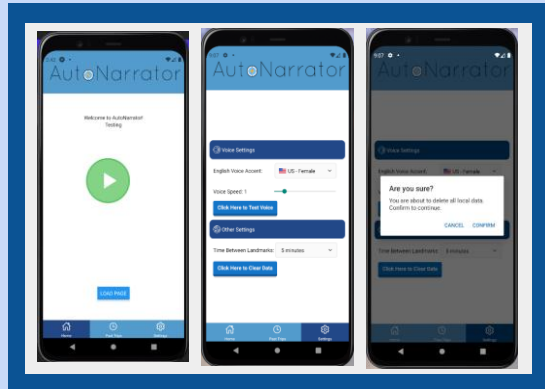
- Scours internet for information on the respective landmarks

Text-to-speech

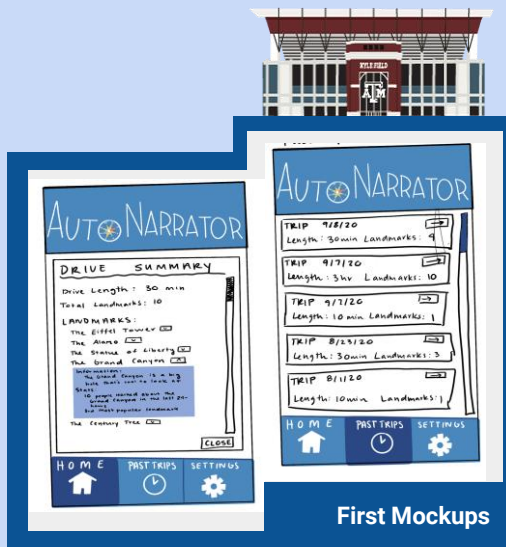
- Read off the information about the landmarks to the user

React Native

- Allows deployment to Android and iOS



Official App Design



First Mockups

EVALUATION

Our main goal of this project is to help people have a better understanding of their surroundings and hopefully be more mindful of their neighbors and the environment while conducting a motor vehicle safely. Our evaluation process is as follows:

1. Conduct survey-based research
2. Live user observations
3. Conducting interviews

Volunteers will be monitored while they drive and listen to the app on a predetermined course though campus.