

Tyler Mayer

678-491-9225

Sponsor:

Wade Greer

Tillman Allen Greer

404-545-7492

[Wade@tillmanallengreer.com](mailto:Wade@tillmanallengreer.com)

### Mayer Landscape App

For this project, I will be creating a mobile application for a family business. Mayer Landscape has requested a mobile application that it's employees can use to keep track of working hours, travel time, and lunch time. It will also allow them to electronically fill out job sheets. The problem right now is that it is hard for the managers to keep track of where their employees are at all times and how long different jobs are taking. They also require employees to fill out what is called a job sheet.

A job sheet is where employees are able to fill out the work they have done, who they worked with, where they worked, etc. Therefore, as a solution to this problem, the goal is to create an app where employees can basically push a button and that will trigger some sort of gps locating system that will store how long it took from departure to arrival. Then for the job sheets, at the end of every day employees will be able to open the app and select with drop-downs for which pre-existing job site they went to, select who their crew members were, what tasks were done, what the weather was like, etc. Admins will be able to add new jobs to choose from, look at all of the sheets that have been submitted, and add new options for drop-downs.

One of the challenges that I am facing would be lack of experience of making any sort of mobile application. However, I am taking the mobile app development course, so I am hoping that will help out a lot. Another challenge is my lack of knowledge with databases. I will need some sort of database to keep track of all the jobs, activities, crew members, etc. My sponsor Wade has had a lot of experience with databases, so I am going to work with him for any backend help that I need.