

# MVP Template

## *nerds*

Team Name: nerds (nice)

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### **What problem is your project trying to solve?**

(Given infinite time and resources, what is the ideal form of this idea? Also include the fundamental hypothesis of this idea - what assumption are you basing this idea on.)

It is oftentimes inconvenient for students to manually search bus routes and times in between events (MAINLY classes). We are trying to solve this problem by creating an app that adds specific bus routes/times in between one's whole-day schedule into Google Calendar to organize one's day easily and efficiently. We are basing our assumption on the fact that people want to save time and not worry about their schedule so that they can focus on their classes. This solves world hunger because people don't have time to eat food when they are running late.

### **Describe your MVP (Minimum Viable Product) :**

(What are the benchmarks in your MVP so that you are moving towards your grand vision. Does it test your hypothesis?)

Our MVP is an app that plots a route from event to event based on data pulled from a user's google calendar and their current location. The MVP adds (or edits an existing) event into Google Calendar to give users the bus information.

### **What features make up your MVP? :**

(A list of core features that the problem cannot be solved without.)

- Location Services
- Google OAuth
- Google Calendar API
- MTD API (Bus Route Data)

### **What are the features discussed, but not in the MVP? :**

(A list of features that would be nice to add given more time.)

- Interactive Map (draggable, color coded lines)
- Schedule sharing

**Which does the tech stack look like and why did you choose these over alternatives?**

We are planning to use React Native and NodeJS because they use Javascript, are open-source, and allow for cross platform collaboration.

We also want to use MongoDB for storage because it is industry standard and we would like to try to learn the technology that we will end up using at work someday.