# New York Team

# UNC Charlotte Coding Bootcamp

# November 7, 2018

First Project Proposal

Humbug—an app for those who just want to get to work.

Traffic apps like Google Maps tell you what to expect in traffic in real-time. Apps like Eventbrite tell you what events are going on in your city. Our project combines the data from both of those sources and gives users a customized weekly outlook which lets them know beforehand what to expect in the week to come so they can plan their commute around events they may not know about. In addition, users will be sent a text in advance so they can plan around the interruption—things like concerts, 5K’s and other large events.

API’s used:

* Google Maps
* Eventbrite API

Team Members:

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| Yobany Perez | UI and Design | Logo Design |  |
| Michael Lee | Documentation | Backend |  |
| Chris Wood | Backend | API interaction | Text alert system |
| Kevin Conway | Git and Version Control | Backend | Supplementary UI/UX |

Minimum Viable Product:

* A crisp, easy to use user interface with common-sense UI/UX
* System for coordinating data between Google Maps and Eventbrite APIs to display info on a map—hotspots will be color-coded based on severity
* Alert system, even if it is just a change in the navbar or something on the site.
* Severity system for determining which events are worth alerting for.

Nice to Haves:

* Text alert system
* Suggestions for different places to park
* New route suggestions
* Incorporating another API for richer, more informative results
* Recommendations for events people might be interested in attending, not just avoiding
* Smart alerts tailored to the user’s preferences
* Ability to change alert parameters