**Milestone 1 (The idea of App)**

**Group Members: Prashant Patel**

**Main Contact’s name and email: ppatel03@syr.edu**

**We will share your document with the students in this class and another app-development class in I-School, to help form teams. We encourage you (not required you) to include a team member from another discipline, because it takes a variety of skill sets to make a good app. However, if you prefer us not to share your document because you want to protect your original ideas, we allow you to opt out from this sharing. Please let us know your preference in the following space:**

1. **What’s your app?**

At the first stage, comes out a few sentences that describe what the App does (like an evaluator pitch).

**Find My Bus App:**

My friends staying in nearby houses face few issues while catching the bus to Syracuse University. Firstly, they need to refer to different time-tables of different buses like Centro, James Street, East Campus, etc. Second, they often waste their time waiting for the bus because it becomes crowded already before reaching to their arrival point.

This App solves the problem by finding all the possible buses and its corresponding status like timings, number of people, delays, etc. reaching to user’s destination after entering their nearest bus stop.

1. **Who will use your app? (Audience)**

In this part, you need to tell us who is going to use your app in this section.

This App is targeted for people of Syracuse who struggle at times for getting a bus at a particular time to reach to their destination.

Narrowing the scope, this app would be used by my friends staying in nearby houses to get the information of buses like Centro, James Street, East Campus while going to Syracuse University.

1. **When and where will your app be used ?(Scenarios)**

In this section, give several scenarios that when and where a user will be interacting with your app.

This App will be used by those people who want to explore all possible criteria of catching the bus while deciding the trip to reach their destination.

So users will usually use this app before going to the trip (trip can be either to Syracuse University or any other place) or during the trip to reach different destinations.

1. **How will your app be used ?(Features, Functionality)**

For this section, list all of the core features of the App. Try to describe these functionalities in detail (how they might work).

**Functionalities to be implemented:**

* This app will store information of all kinds of buses halting at the selected bus stop and reaching to user’s destination. So App users need not refer to different time tables of different buses.
* This app solves the issue of prolonged waiting at bus stop using the concept of broadcasting. App users would broadcast on the app about the late schedule of the bus so that other users can plan their trip accordingly.
* Sometimes the bus turns out be crowded. For example, students waiting near Westcott often face this issue and they end up wasting their time waiting for the bus. In this case, the same broadcast technique can be used to notify other users waiting at next or further bus stop to stop wasting their time on waiting.
* Also App users can set their preferences while selecting the bus. Those preferences can be timings, overcrowded, delays, etc. For example, App user wants to get the earliest bus to Syracuse University from Westcott at 11.00 AM. So App would provide all possible buses sorted by timings after 11.00 AM.
* Additionally, App also brings “Wait For Me” Functionality where if an App user is about 30 seconds away from the bus, he can broadcast on the App about his status so that the bus can stop for him (based on bus driver’s courtesy).
* Also the App incorporate “Track My Bus” feature where you can get the location of your bus at particular timings. For example, user need to catch the bus to Syracuse University from Westcott but finds that the bus has just reached 2 stops away from Westcott street (.i.e. East Genesse), then he can accordingly wait in his/her house itself rather than waiting for the bus stop in cold.