**CYCLISTS APP MISSION STATEMENT CHARTER**

**Mission:**

Today, more and more people have opted to use other alternate forms of transportation rather than using mass transit systems such as New York City’s MTA. One of the growing forms of alternate transportation is using a bicycle or cyclist.

This app will attempt to solve problems a cyclist will encounter on a daily basis such as:

1. Unsafe routes
2. Congested streets
3. Unable to find a location to park a bicycle
4. Bicycle breakdowns such as flats broken chain
5. Lack of cyclist friendly establishments that do not have bike racks

**Vision:**

An app that provides solution to the above problems by:

1. Finding safe routes on maps
2. Best routes to avoid congested streets
3. Location to store or park a bicycle such as racks, indoor garages
4. Location of bicycle repair shops
5. Location of bike establishments that have bike racks in front

**Success Criteria:**

1. Ability to find a rack locations within a two block radius
2. Ability to plot safe routes on maps
3. Finding the least congested streets
4. Usage by friends to post locations of bike racks, locations of cyclist friendly establishments, and photos
5. Usage by friends to track each other in same area

**STORIES**

When the users (cyclists) prepare to ride their bicycle to either a specific location or just cruising the streets or parks, they will need to know certain information to complete this task in a safe and relaxed manner.

The cyclists will open app and if they are a new user will then create a User ID.

After creating the User ID, the cyclists are able to log into the app.

The cyclists will see a map of the area they are in.

The cyclists will want to plot a bicycle route on the map to and from a location by enter a destination address.

The cyclists will want information about the bicycle route. This information may vary depending travel needs, but may include heavy traffic or congestion on a particular route; the conditions of that route such as potholes or road closure; safer routes, or routes dedicated to bicycles.

The cyclists will want to see on the map the locations of bike racks, bike corrals, indoor parking facilities, or business locations that provides bicycle parking for the cyclists to be able to securely chain up or park a bicycle.

The cyclists will want to track friends who may be riding at the same time.

The cyclists will want to know location of bicycle repair shops.

The cyclists will want to be able to upload a photo and location of a new bicycle rack not currently found on the map.

The cyclists will be able to save specific route they used.

The cyclists will logout of app.