CSCI 3308 - Boese - Methods + Tools - Part 2

- **Title:**
  - "GoThatWay"

- **Vision statement:**
  - "To get people wherever they want to go as simply as possible."

- **Who:**
  - Henrik Larsen, Andrew Linenfelser, Jesse Wisniewski, Nathan Welch, Stephen Rowell

- **List of Requirements:**
  - 4 separate tables for the requirements
    - Business (Specific rules based on business needs and procedures)

ID	Requirements	Priority	Size (Agile)
BUS-001	As the customer, I want my users to be able to access and download 'GoThatWay' from the IOS app store, so that they can easily install the app.	Critical	3
BUS-002	As the customer, I want non-intrusive advertisements within the app so that my users are not unhappy and that I can generate revenue from the use of the app.	High	3
BUS-003	As the customer, I want the app to be user-friendly so that the users want to continue to use the app.	High	2

■ User (Processes a user will do. (use-cases))

ID	Requirements	Priority	Size (Agile)
USER-001	As a user I want the app to present me with a direction and distance so that I know which way and how far I need to go.	High	4
USER-002	As a user I want to be able to press a button in the app to bring up a map so that I can tell the app where I want to get to.	Med	5
USER-003	As a user I want to be able to press a button that marks my current location so that I can easily get directions back here.	Med	3
USER-004	As a user I want to be able to bring up a list of saved locations so that I can easily get directions to my favorite locations.	Med	2
USER-005	As a user I want the directions that the app gives me to be accurate and reliable so that I am not wasting time while trying to find my way.	High	4

■ Functional (Specific system behaviors (usage scenarios))

ID	Requirements	Priority	Size (Agile)
FUNC-001	As the developer I want the app to be able to constantly recalculate the direction and distance between two locations so that they can be used as the output.	High	3
FUNC-002	As the developer I want the app to always have a location for the current device so that it can use it as the start location.	High	1
FUNC-003	As the developer I want the app to maintain a database of stored locations so that they can be used again to generate new directions.	Med	2
FUNC-004	As the developer I want the app to be able to set the current device location as the destination location for another	Med	5

	device.		
FUNC-005	As the developer I want the user to be able to login with a google or facebook account, so that a login system doesn't need to be developed and the user finds it easy to join and quickly interact with the app.	High	3

■ Non-functional (features such as Reliability, Performance, Security, Maintainability, Usability)

ID	Requirements	Priority	Size (Agile)
NFNC-001	As the developer I want the app to be run predictably, so that the app does the same thing with repeatability and without bugs.	High	5
NFNC-002	As the developer I want the app to run without significant lag time when a user is interacting with the app, so that our app is "reliable"	High	5
NFNC-003	As the developer I want the app to run without frequently crashing, so that our users do not become frustrated with the app.	High	5
NFNC-004	As the developer, I want the app to be secure, so that user information is protected when using and interacting with the app.	High	5
NFNC-005	As the developer, I want the app to be able to pull directions from Google maps, so that the app does not have to generate its own directions to follow.	High	5

- **Methodology:**
  - ○ Agile
- **VCS Link:**
  - ○ *https://github.com/nawe6601/GoThatWay*
- **Project Tracking Software:**
  - ○ Trello

- **Link to Project Tracking Software:** Make sure instructors and TA have access
  - https://trello.com/b/99XCuf5B/gothatway
- **Project Plan:** Created from your project tracking software. Copy-paste the plan (or screenshot of) into the .pdf document.