Project Features list:

1. Walking Distance
   - Users will be able to find routes between specified locations, including departure location and time, destination, estimated walking distance and trip time.
2. Bus Time
   - Users will be able to find bus routes that take them from their area to a destination along with a trip time.
3. Highlighted Routes
   - Users will be able to see their routes highlighted in their map.
4. Interactive Map
   - Users will be able to interact with a map that shows their immediate surroundings as well as bus lines around their area. After selecting their route, the map will also show them their path and directions to get to their destination.
5. User Profiles
   - Implementing user profiles will allow users to customize their experience with TransitBlu. Users should be able to enter in their schedules and walking speeds. We will also use user profiles to collect data.
6. Feedback
   - Users will be able to report bugs and suggest changes to the software. Bussing agencies will also be able to give us recommendations and find and report bugs.

Requirements:
https://csci-3308-fall21-017-03.atlassian.net/jira/software/projects/Y17/boards/1/backlog?issueParent=10025%2C10030%2C10032&selectedIssue=Y17-35
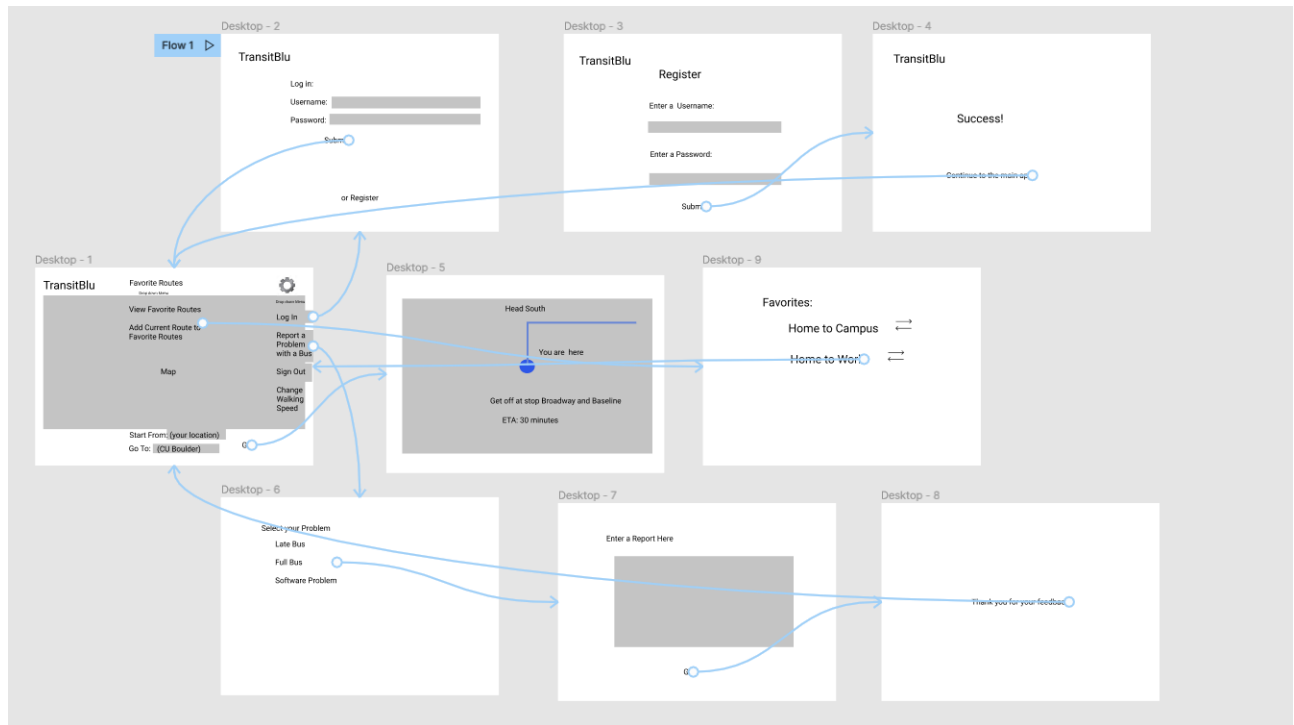
Project Plan:
https://docs.google.com/document/d/1G1P5qsLYUe1ZMavGoh48XozEl0nDsUC95QYBCDEEw6g/edit

Figure out the API Documentation to be able to use it for the future route creation. Create an interactive map that will allow users to figure out their surroundings.

🔖 Y17-32 As a developer, I want to be able to know the documentation of the Google Maps API `TRANSITBLU - GOOGLE API`	2	TO DO ⌄	RN
🔖 Y17-34 As a developer, I want to know which Google Maps APIs will be needed `TRANSITBLU - GOOGLE API`	1	TO DO ⌄	JG
🔖 Y17-36 As a developer, I want to be able to use Google Maps JavaScript API for webpage development `TRANSITBLU - GOOGLE API`	1	TO DO ⌄	KM
🔖 Y17-37 As a developer, I want to be able to organize the data pulled from the APIs and filter them `TRANSITBLU - GOOGLE API`	3	TO DO ⌄	MS
🔖 Y17-45 As a user, I want to be able to view the roads and areas around me. `TRANSITBLU - INTERACTIVE MAP`	2	TO DO ⌄	OH
🔖 Y17-49 As a user, I want to see bus lines that are close to a selected area. `TRANSITBLU - INTERACTIVE MAP`	3	TO DO ⌄	RN
🔖 Y17-46 As a user, I want to be able to view bus lines of my choosing that are displayed on my map. `TRANSITBLU - INTERACTIVE MAP`	5	TO DO ⌄	KM
🔖 Y17-53 As a user I want a interactive GUI that is intuitive and clean `TRANSITBLUE - WEBSITE`	5	TO DO ⌄	MS

Route Planning 11 Oct – 25 Oct (5 issues)   41 0 0   Start sprint ⋯

Give routes given a source and a destination point in both buses and walking. Provide speed and directions to user to get them from source to destination.

🔖 Y17-54 As a user, I want to see all buses heading towards a specific location so I can choose one to take. `TRANSITBLU - CREATING TRIPS`	8	TO DO ⌄	JG
🔖 Y17-55 As a user, I want to see all buses departing locations near me so I can choose one to take. `TRANSITBLU - CREATING TRIPS`	8	TO DO ⌄	OH
🔖 Y17-56 As a user, I want to see the estimated times each route I look at will take so I can choose the fastest. `TRANSITBLU - CREATING TRIPS`	2	TO DO ⌄	RN
🔖 Y17-57 As a user, I want to see how long it will take me to walk to my bus's departure location so I can choose the most convenient. `TRANSITBLU - CREATING TRIPS`	2	TO DO ⌄	OH
🔖 Y17-58 As a developer, I would like to manually add a route in order to provide a more complete service. `TRANSITBLU - CREATING TRIPS`	21	TO DO ⌄	JG

+ Create issue

Database creation/users 25 Oct – 8 Nov (5 issues)   18 0 0   Start sprint ⋯

Create a database that will allow users to create accounts and store their favorites routes. Be able to pull these routes to plug them into the API to figure out a route at any given time. Create a log in function and store user feedback

🔖 Y17-27 As a user, I need to create an account to get started `TRANSITBLU - USER PROFILES`	5	TO DO ⌄	KM
🔖 Y17-29 As a developer, I to build a database to store user information `TRANSITBLU - USER PROFILES`	5	TO DO ⌄	MS
🔖 Y17-30 As a user, I need to know how fast I walk to get an efficient ETA `TRANSITBLU - USER PROFILES`	2	TO DO ⌄	JG
🔖 Y17-50 As a User I want to be able to report if a bus never came or something went wrong with my ride `TRANSITBLU - FEEDBACK`	5	TO DO ⌄	OH
🔖 Y17-59 As a developer, I want to know what a user account requires `TRANSITBLU - USER PROFILES`	1	TO DO ⌄	MS

+ Create issue

Finishing 8 Nov – 15 Nov (2 issues)   16 0 0   Start sprint ⋯

Presentation preparation and adding any features that were low priority that we have time for

🔖 Y17-47 As a user, I want to be able to move around and stay in the center of my map while the roads move around my avatar. `TRANSITBLU - INTERACTIVE MAP`	8	TO DO ⌄	KM
🔖 Y17-48 As a user I want to be able to change a pre-made route to go through/avoid certain areas. `TRANSITBLU - INTERACTIVE MAP`	8	TO DO ⌄	MS

+ Create issue

💡 Quickstart

Wireframes & Design:

Individual Contributions
https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-017-03/tree/main/Individual%20Submissions