SCRUM Meeting 8 for The 12th Bus

Prepared by: Emily Hotz

Meeting Date: 5/1/22

Meeting Attendees

1. Emily Hotz
2. Eddie Kennedy

Meeting Agenda Items

* Discuss project status
* Discuss current bugs preventing progress
  + Heroku deployment
  + Local database access

Status Update Since Last Meeting

Accomplishments:

* *Finally* figured out how to convert all state plane coordinates into longitude & latitude values and updated the values accordingly!
* Implemented a working route selection drop-down for Route Details, filtering the table display from routes listed in the database
* Discovered that the database can in fact be regularly updated each morning on a free account with the use of a Heroku Scheduler
* Implemented Google Places API into text fields for the navigation functionality
* Added structure to implement displays for all bus routes
* Implemented Google Places API to automatically fill address fields on request
* Added the ability to pull location information from places to determine a route

Tasks Completed:

|  |  |  |
| --- | --- | --- |
| **Task Description** | **Assigned to** | **Completed? (yes/no)** |
| Convert x & y state coordinates from BusRoutes API to longitude & latitude and update database accordingly | Emily | Yes |
| Determine whether Heroku database information can be regularly updated by a scheduler on a free account | Emily | Yes |
| Create text entry boxes for side panel input text in Route Details | Emily | Yes |
| Add dropdown selection for routes from database in Route Details | Emily | Yes |
| Implement sorting by routes from selection in Route Details | Emily | Yes |
| Add Places API to fill text boxes | Eddie | Yes |
| Use Places API output to store location information | Eddie | Yes |

Before The Next Meeting

Plans:

* Get deployed Heroku app up-to-date
* Set up database to auto-refresh its data
* Polish page layouts
* Implement the rest of the bus routes
* Pull location information from Places API autocomplete

Task Assignments:

|  |  |
| --- | --- |
| **Task Description** | **Assigned to** |
| Fix Heroku deployment errors from changes to Route Details and related dependencies | Emily |
| Set up database to update bus route information when needed | Emily |
| Format Route Details page layout | Emily |
| Format Map page layout | Emily |
| Only check Map page destination stops available before an end time | Emily |
| Only check Map page source stops available after a start time | Emily |
| Implement the rest of the bus routes | Eddie |
| Pull location information from Places API autocomplete | Eddie |

Minutes:

* Accomplishments
  + Longitude/Latitude *finally* fixed
  + Route Details page working 100%, but it would be nice if the side panel looked better
* Current bugs
  + Heroku deployment encountering error with “missing module gunicorn” or something similar after updating route details page
    - Will try to work it out overnight
  + Database values won’t show up locally for Eddie
    - Look at it together tomorrow in class
    - Ask for professor/TA help if needed
* What to do next
  + Eddie will use hard-coded values for the time being
  + Finish up route details page
  + Algorithm for stop proximity detection “shouldn’t be too hard” (famous last words)
  + Get as much done as possible before next meeting
  + Explanations page? Instruct the user on using the bus system, website