SCRUM Meeting 7 for The 12th Bus

Prepared by: Emily Hotz

Meeting Date: 4/28/22

Meeting Attendees

1. Emily Hotz
2. Eddie Kennedy

Meeting Agenda Items

* Discuss project fallback plans
* Discuss what each team member is doing in the final sprint
* What’s currently blocking progress?

Status Update Since Last Meeting

Accomplishments:

* Successfully got the database up & running with all the data it needs!
  + Need to manually refresh once a day
  + Only contains current day’s data; future days’ routes not currently included
  + Latitude & Longitude values are still incorrect
* Learned from TAMU staff that the BusRoutes API longitude & latitude values are actually Texas state coordinates and will need to be converted
* Fixed bug with directions API not going over 2 waypoints and added more routes to manual search

Tasks Completed:

|  |  |  |
| --- | --- | --- |
| **Task Description** | **Assigned to** | **Completed? (yes/no)** |
| Locate Heroku database documentation | Emily | Yes |
| Add bus stop information to database | Emily | No - needs correct latitude/longitude values |
| Add bus route information to database | Emily | Yes |
| Find commands to connect Heroku app to database information (for use) | Emily | Yes |
| Add blank list display to Route Details | Emily | Yes |
| Ensure Route Details list can be scrolled | Emily | Yes |
| Access database information to fill list with all available stops | Emily | Yes |
| Access database information to display details of each stop | Emily | Yes |
| Add groupings to the different routes | Eddie | Yes |
| Fix bug with adding more waypoints | Eddie | Yes |
| Add the ability to switch between multiple routes | Eddie | Yes |

Before The Next Meeting

Plans:

* Successfully convert state coordinates to longitude & latitude
* Determine whether free database information can be regularly maintained by scheduler
* Get Google Places API to fill out text boxes on the map page

Task Assignments:

|  |  |
| --- | --- |
| **Task Description** | **Assigned to** |
| Convert x & y state coordinates from BusRoutes API to longitude & latitude and update database accordingly | Emily |
| Determine whether Heroku database information can be regularly updated by a scheduler on a free account | Emily |
| Create text entry boxes for side panel input text in Route Details | Emily |
| Add dropdown selection for routes from database in Route Details | Emily |
| Implement sorting by routes from selection in Route Details | Emily |
| Add Places API to fill text boxes | Eddie |
| Use Places API output to store location information | Eddie |

Minutes:

* Fallback plan:
  + Definitely not implementing Updates page (Twitter + route announcements) or Schedule page (Google Calendar integration)
  + Focusing on getting everything working for just the present day first; will expand to upcoming days if there’s time
  + Won’t implement the extra credit accessibility modifications unless there’s time
  + Need to reorganize Product Backlog & Burndown Chart accordingly
* Hurdles:
  + Google Maps API didn’t want to track more than 2 stops in a route
    - Overcome: found the problem & fixed it
  + Times table in database filled too many lines, going over the 10,000 line limit
    - Overcome: compiled a list of times as a member of each object in the Stops table instead
  + BusRoutes API “longitude” and “latitude” coordinates still need to be converted into real longitude and latitude for the database
* Emily will finish up work with the database & route details display
* Eddie will continue work with the map display, implementing information from the database where applicable so far