Sprint Requirements 2

lu-lvb-JourneyPlanner

https://github.com/JRamirezDD/lu-lvb-JourneyPlanner

Marlene Berenger, Marcos Gonzales, Jorge Ramirez

Estimated Size based on T-Shirt sizes (XS, S, M, L, XL)

- XS = 0-1 hours
- S = 1-3 hours
- M = 3-8 hours
- L = 1 week
- XL = 1 sprint

A GH Issue and an accompanying Branch is expected to be created for each requirement.

Link to GH Issues:

https://github.com/JRamirezDD/lu-lvb-JourneyPlanner/issues

GH Issue #	Title	Description	Estimated Size	Reporter
#8	autocompleteService API Implementation	Implementation of autocompleteService API (with mock objects and testing of functions).	XS	Jorge Ramirez
#10	API UI UX Layout	Create layout of the app (map, control panel, filters, settings, and other buttons) basing yourself off of the Requirement document provided by Leipziger Verkehrsbetriebe and existing OTP UI apps (Such as Digitransit from HSL).	M	Marcos Gonzales
#74	Create Sprint Requirement 2 Tasks and Distribution		S	Jorge Ramirez
#17	Figure out GeoJSON Data manipulation in Mapbox GL JS to display special layers	Carried over from last sprint	M	Marlene Berenger

		Re-implement GeoJSON conversion using pre-existing libraries Mapbox GL JS offers pre-made objects for manipulation. Please go over the documentation https://github.com/alex3165/react-mapbox-gl/blob/master/docs/API.md		
#28	BaseMap Implementation	Based on decision from issue #15. Must adapt presented information depending on changing context. Must account for requirement document requirements. Likely will need to be extended.	L	Marlene Berenger (Jorge Ramirez likely assisting)
#29	Map UI/UX Implementation	Must use implementation from #28 and design from #10	M	Marlene Berenger (Jorge Ramirez likely assisting)
#73	Implement Internationalization without i18n.	Pre-made internationalization solutions are too complex and 'all-encompassing' for what we require. Implement a simple solution from scratch that works as expected without additional quirks.	M	Jorge Ramirez
#75	Rethink and rework where context attributes belong.	Location of the attributes ended up being a bit messy. It must also be verified that all shared attributes and functions are accounted for.	L	Jorge Ramirez
#76	Deployment of React App in hosting platform	With automated Continuous Deployment via GitHub Actions. Deployment can be done on GitHub Pages or Vercel.	S	Jorge Ramirez
#77	Test Internationalization implementation		S	Jorge Ramirez
#78	Document dependencies in Development Guide	With use	S	Jorge Ramirez
#79	Test successful loading of processed mock data into Map	Ideally all layers should be tested.	M	Marlene Berenger
#80	Make stops-layer icons interactive.	They should submit the ID of the selected stop to a shared context, and should trigger a change in ViewMode.	S	Marlene Berenger

#81	Make layers pretty	Different line types depending on feature properties, image icons instead of circles, etc.	M	Marlene Berenger
#82	Redesign UI Layout with LVB style		S	Marcos Gonzales
#83	Connect control panel with provided contexts	Components should react to provided modes and data	M	Marcos Gonzales
#84	Test control panel functionality	Either Component tests or GUI Tests	M	Marcos Gonzales