Sprint Requirements 1

lu-lvb-JourneyPlanner

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

Marlene Berenger, Marcos Gonzales, Jorge Ramirez

Estimated Size base don 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
#1	lvb OTP APIs available in shared Postman workspace		XS	Jorge Ramirez
#2	Superficial requirement Use Case Diagram	To be used as an overview of requirements, and to give an on the minimum required components.	S	Jorge Ramirez
#4	GitHub Repository Skeleton	Organize repository's folder structure to contain all the information from the project.	XS	Jorge Ramirez
#5	App Skeleton	Organize app structure for simplified development.	S	Jorge Ramirez
#6	ESLint Formatting Rules	Define formatting rules, such as file-name-format or folder-name-format, early on to encourage organized and consistent development.	XS	Jorge Ramirez

#7	Prettier Formatting Rules	Define code formatting rules to encourage clean and consistent development.	XS	Jorge Ramirez
#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
#11	Create Sprint Requirement Tasks and Distribution		S	Jorge Ramirez
#12	nearbysearchsearchService API Implementation	Implementation of nearbysearchsearchService API (with mock objects and testing of functions).	XS	Jorge Ramirez
#13	routingService API Implementation	Implementation of routingService API (with mock objects and testing of functions).	XS	Jorge Ramirez
#14	stopmonitorService API Implementation	Implementation of stopmonitorService API (with mock objects and testing of functions).	XS	Jorge Ramirez
#15	Component-Communication Design Decision and Implementation	Communication between components needs to take place in order to view (and act as required) and modify each other’s states. Should they: • Subscribe to Context APIs? • Use Parent-Child Props? • Others?	L	Marcos Gonzales (Jorge Ramirez as replacement due to sickness)
#16	Conversion from API DTOs to JSONs accepted by MapBox GL JS as Layers	Where required	M	Marlene Berenger
#17	Figure out GeoJSON Data manipulation in Mapbox GL JS to display special layers	Ex. only show objects from the GeoJSON that contain 'type == "restaurant"' We need at least: • Lines for routes (with different line-type depending on transport-type) • Filters	M	Marlene Berenger

		• Points with Icons • … Once clicked, display		
#18	Control Panel Implementation	Based on decision from issue #15. Must account for requirement document requirements.	L	Marcos Gonzales (Jorge Ramirez as replacement due to sickness)
#19	Control Panel UI/UX Implementation	Must use implementation from #18 and design from #10	M	Marcos Gonzales
#20	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	Jorge Ramirez
#21	Map UI/UX Implementation	Must use implementation from #18 and design from #10	M	Marlene Berenger