

Requirements Analysis

Group 2:

Olivia Guess, Nathan Tucker, Andrii Soloviov, Anirudh Kambhampati

Goal

Our team's goal is to update the libraries under Augur's frontend. We are only updating this frontend.

Users of the System

The users of the system are the Augur frontend developers. The developers can test the updated library functions. Frontend developers can access functions/objects from the updated libraries.

User Activities/Requirements

Frontend developers who will be using the system after we update it may compare the behavior of the frontend framework to how it was before our changes. The developers can also use new functionalities from the updated libraries.

Constraints

Our team must be careful about the already existing data and references to all the libraries that are currently present in Augur's frontend. References may be different between library versions and may need updating in the code. Deleting old libraries that we think are not used anymore may lead to unexpected behaviors or even errors because those libraries might be referenced somewhere else in the code.

The developer needs access to the database. They also must have installed the necessary requirements to run the Augur frontend system (i.e.. Node.js, Vue, PLpgSQL, TypeScript, HTML, SCSS).

User	Activity	Associated Data	Description	Constraints
Tester	Test updated library function	Library path, library name	Developer wants to test out a function after the update.	Developer needs to have access to data for testing.
Frontend Developer	Use the updated library	Augur source code, library reference	Developer wants to use updated library's functionality	Developer needs to have access to the restful apis.

Use Case - Developer working on Augur's frontend

Actors: Developer

Pre conditions: Developer needs to contribute to the frontend part of Augur after the libraries have been updated

Post conditions: Depending on how the updated libraries behave, the user may either stay satisfied and work with the front end framework as usual, or report any problems to us.

Description: Our main use case shows the developer working on Augur's frontend after our group is done updating and testing out the libraries in the dependencies list.

