

## **Title**

Frontend Extensions and Documentation Updates

## **Description**

- Users want to view more health metrics (such as the number of pull requests) from Augur API about a project.
- Users want to view a clearer getting started document.

## **Triggers**

- Students want to view a clear getting started document to deploy an Augur project.
- Developers want to view a clear getting started document to begin developing an Augur project.
- Researchers want to gather information on projects that are in use in commercial software and determine the security and health metrics to check whether they should be used afterward.
- Data scientists want to create charts that illustrate various data metrics from projects. It can help them perform data analysis and clearly present their results to business and technical audiences.

## **Actors**

- Student
- Developer
- Researcher
- Data Scientist

## **Preconditions**

- Data exists in the database.
- API server endpoint should work with reasonable reliability.
- Users are interested in viewing metric visualizations.

## **Main Success Scenario (Goals)**

- Users can view the number of pull requests about projects on Augur's new frontend.
- Users can view more health metrics about projects or groups on Augur's new frontend.
- Any redundant content in the getting started document is removed.

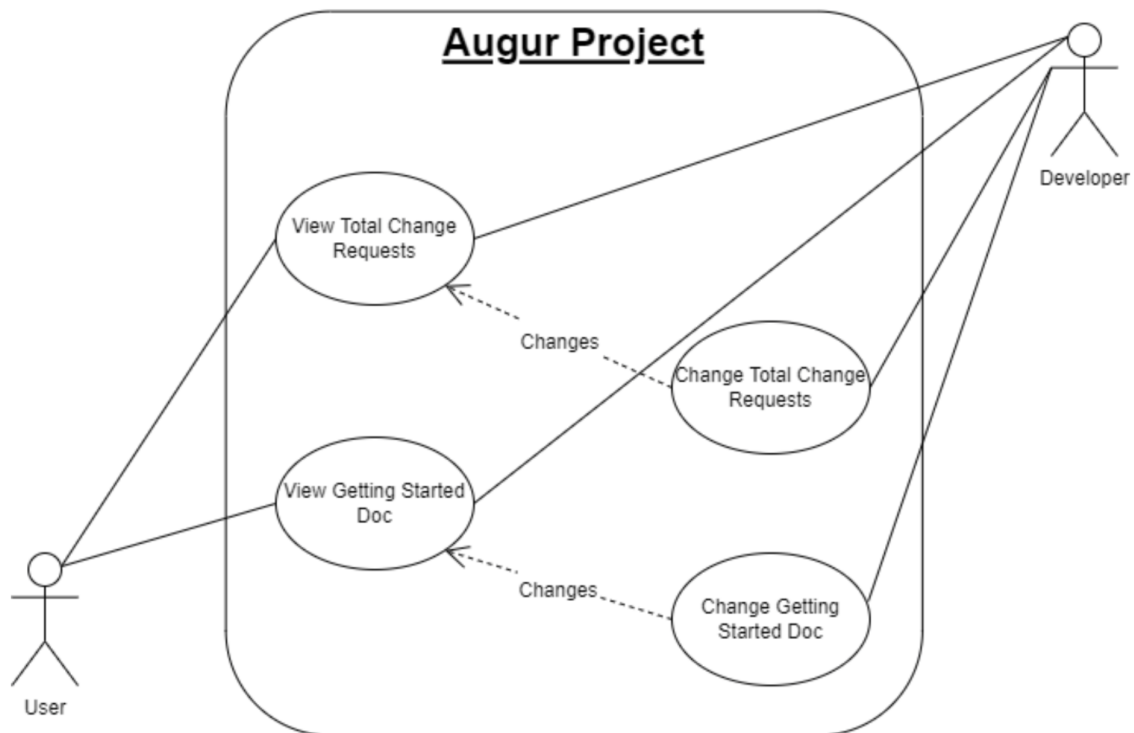
## **Failed End Condition**

- Not enough data.
- We are unable to understand the getting started document.

## **Steps of Execution (Requirements)**

- Get API data from Augur backend.
- Display information to users.
- Make an outline for what we plan to change in the getting started document.

## Use Case Diagram



In the above Use Case Diagram, there are two actors, the User and the Developer. The Developer actor is able to view and make changes to both the 'Getting Started' document and the 'Total Change Requests' column. The User actor is only able to view the information from the 'Getting Started' document and the 'Total Change Requests' column. As shown in the diagram, when the Developer makes changes to one of the items, that item's view changes to what the Developer set it to.

Since both changes we are making to Augur are purely visual, there is no interaction between what the Developers (Us) are doing and the User other than the updated information displayed on the User's screen. Because of that, we only have 4 circles since everything else pertaining to Augur does not need to be shown.

It is also worth mentioning that on the Actors if it is something that is viewed the line comes from their eyes. If it is something being changed the line comes from their hands. This is the attention to detail that is deserving of extra credit.