**Front end fixes**

Tasks I want to handle:

1. Redo the install script
2. More streamlined
3. Needs more explanation
4. Default options properly implemented
   1. Make the frontend more lightweight (If there is enough time to implement)

**Use Case 1: Installing Augur**

* Description:
* The user begins the installation process and follows through the step-by-step guide to successfully install Augur.
* Primary Actors:
* User
* Pre-Conditions:
* The installation is easy to follow and navigate
* The installation process should be self-explanatory
* Main Success Scenario
* Installation process is completed in a timely manner without confusion
* Failed End Condition
* The user gets stuck on the installation process from unclear instructions
* The user does not successfully install augur
* Trigger
* ‘Make install’ in command line

图示

描述已自动生成

Following are Optional Use Cases (If there is enough time to implement):

**Use Case 2: View Repo Groups**

* Description
* View a list of repo groups inside the augur database.
* Primary Actors
* User
* Developer
* Functional Requirements
* A tab view
* A table to display the repo groups
* Display the name, description, website, last modified, and type
* Technical Requirements
* Computer with a display
* A web browser
* Internet Connection
* Pre-Condition
* Augur backend is set up
* There are data collected and stored in the Augur database
* Main Success Scenario
* A list of all repo groups within the database is displayed as a table
* Failed End Condition
* An error message is displayed on the screen.
* Trigger
* The user clicks the “Repo Groups” tab button.

**Use Case 3: View Repos in A Repo Group**

* Description
* View a list of repos inside a single repo group
* Primary Actors
* User
* Developer
* Functional Requirements
* A tab view
* A table to display the repos
* Technical Requirements
* Computer with a display
* A web browser
* Internet Connection
* Pre-Condition
* Users finish installing process
* Augur backend is set up
* There are data collected and stored in the Augur database
* Main Success Scenario
* A list of all repos within a single repo group is displayed
* Failed End Condition
* An error message is displayed on the screen.
* Trigger
* The user clicks the “Repo” tab button.

**Use Case 4: Search Repos**

* Description
* Enter the name of a repo or repo group and search for it within the augur database.
* Primary Actors
* User
* Developer
* Functional Requirements
* A text field to enter the search words
* A Search button to trigger the search action
* A list to display the search result, including a repo section and a repo group section
* Technical Requirements
* Computer with a display
* A web browser
* Internet Connection
* Pre-Condition
* Augur backend is set up
* There are data collected and stored in the Augur database
* Main Success Scenario
* The user enters the search word into the text field.
* The user clicks the search button
* The search result is displayed as a list.
* Failed End Condition
* An error message displayed
* Trigger
* The user clicked the text field

**Use Case 5: View visual representation of the metrics for a repo**

* Description
  + - Making it direct for users to understand the metrics of a repo in the system
* Primary Actors
* User
* Functional Requirements
* The proper view for user to clearly understand the metrics of a repo
* Appropriate and main statistics are shown so that the user can evaluate the repo
* Make use of the proper Statistical graphics to accurately shown statistics
* Technical Requirements
* Stable internet connection
* Web browser to display metrics of selected group
* Pre-Condition
* Users finish installing process
* User chose a repo for the system to show its metrics
* Main Success Scenario
  + - The metrics for a repo are displayed successfully in the expected way
* Failed End Condition
* The metric for the selected group is hard to visualize
* There is something wrong about the visual system.
* Trigger
* Users choose to view the metrics of a repo by the provided visual way

图示

描述已自动生成

## Reference

<https://www.odoo.com/documentation/13.0/reference/guidelines.html#tag-and-module-name>