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Professor Goggins
Final Project
CS 4320 (Software Engineering)

Augur API endpoint:

http://ec2-3-19-75-211.us-east-2.compute.amazonaws.com:5000/api/unstable

Metric of choice: Labor Investment

Context: Our goal is to develop a web application that allows a foundation, organization, or individual user to easily use Augur to run metrics on a specific set of repos that Augur already has data collected on with a clean, easy to use front end service. The metric we are specifically wanting to make readily available to a user is Labor Investment, which can also be extrapolated to describe the possibility of a foundation, organization, or individual user getting involved with a project.

Requirements for an App using Augur and the Labor Investment Metric (WIP):

"WIP" or "Work in Progress" means that these requirements may be subject to change as we develop our app, and find out what may suit the user better. This will not detract, but should only help our goal of serving a user better and allowing them to readily use Augur.

Component	Priority	Requirement Name	Component Description
User Portal	1	Choose repo from pre-given repo choices	User can input the URL or System Path in order to receive metrics back on it
User Portal	1	Display Metric results	User can view the results of the metrics they requested
User Portal	2	Apply for verified user	Apply for a verified user account

User Portal	2	Change username	Allows user to change the username they log in with
User Portal	2	Apply for Verified Foundation	After creating a foundation account, there is an application process in which the HR Management Team will determine whether or not this is an actual foundation in the open-source community
User Portal	2	Add Verified User to Verified Foundation	Add a verified user to verified foundation's account in order to let them have access to a specific foundations metric tools
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User Portal	2	Submit support request	User can submit a support request
User Portal	1	Error message windows	Displays a message if there are any errors
Repo Selection Screen	2	Create Repo Set	Create a set of repos that have already had the raw data collected for them
Repo Selection Screen	2	Submit Request to add repo to pre-defined repos	Will send a request to the CHAOSS/Augur team to suggest/request a repo that a foundation may want to run a metric on.
HR Management Team Portal	2	Establish Verified Foundation	A user/user group must be verified in order to use the platform, and may be

			charged based upon how many users they need to have running metrics.
HR Management Team Portal	3	Count number of users org has	Counts the number of users a verified organization has which is one of the metrics used to determine cost