

Sprint 4 Requirements

Title

Augur frontend login and repo for assessment submission tool

Description

This project's goal is to give users a frontend platform to easily submit GitHub repos to be assessed by Augur. User's will need to login to the frontend application with a username and password. The application will check for the user in a database users table. Once logged in the user can submit repos for Augur to assess.

Triggers

The application is triggered by a user login to enter the application, and the submission of a GitHub repo to trigger the assessment of the repo by Augur

Actors

Users will need to be in the database users table to use this application. Users can create a new account if they do not already have one. Any user with a valid login can login to the application to then submit GitHub repos for assessment.

Preconditions

User is in the database users table. User has a repo for Augur to assess. Application including all of the required services are running and functioning properly.

Main Success Scenario

User logs into the frontend application. User submits a GitHub repo for assessment. Application returns Augur assessment of submitted repo (repeat n times). User logs out of the application.

Alternate Success Scenarios

User logs in or creates account, then logs out without submitting repo.

Failed End Connection

User fails to login due to invalid or nonexistent login info. User submits invalid repo or input for assessment. User is unable to create account.

Steps of Execution

Create account(opt) -> Login -> Repo submit -> Augur assessment.

Hardware Requirements

Server running Augur instance / Server running frontend application / Server running database / User end device with internet connection /

Software Requirements

Ubuntu installation on virtual machine / PostgreSQL installation / Git Configuration / Go Installation / Python Virtual Environment Configuration / Loading augur repositories