Feature

The feature we implemented is a form for reviewers to score and log applicants. The form tracks several metrics (like GPA score, GRE score, GMAT score, and a custom document upload for letters of recommendations, personal statements, etc.) of the applicants and can be used by the reviewer for further analysis.

How-to and Implementation

- Begin by cloning our GitHub repository for our version of the Mayan EDMS. Run our version of Mayan EDMS with Docker. Follow the instructions in HW01 to get it running on localhost.

- Once Mayan EDMS is running, click on the green "Review Form" button in the top right corner. This should redirect you to a page containing a form. Enter relevant information into the respective fields:
    - Enter GPA score, GMAT score, GRE score
    - Upload a document(letters of recommendations, personal statement, and etc.) to Mayan using instructions found in the document section

Manual Testing

Test the review page
- Open the page by putting the url "localhost/review/review" in browser
- Open the page by clicking "Review Form" button in the top right corner
- The browser should be able to navigate to the review form in either way above

Test submitting the form
- Put wrong data in one field(for example, 40000 for GPA); the submission should fail
- Leave a required field empty; the submission should fail
- Put correct data in all fields; the submission should succeed

Test data insertion into database
- After submitting the data and jumping into the success page, log into the database by `./manage.py dbshell` and write SQL to select data from the table created by us. If a new row is inserted, it means the form submission is successful.
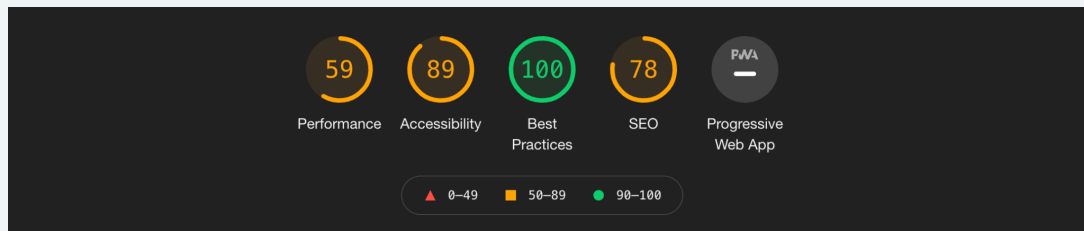
Other Testing - CI Testing for build

Supplementing manual testing for functionality is simple CI testing through GitHub Actions that ensures no change results in Docker build issues.

The workflow is based on the example implemented in the "CMU-313/Mayan-EDMS" GitHub repository and available here.

Other Testing - Lighthouse UI Testing

59	89	100	78	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0–49　■ 50–89　● 90–100

- Performance - 59%
- Accessibility - 89%
- Best practices -100%
- SEO - 78%