Northeastern University
CS 4500 – Software Development
Spring, 2018, Annunziato, Derbinsky, Weintraub

Sprint 2 Review

Expectations

1. There should be a UI prototype (beyond wireframes).

   Comments:

   The team has designed an improved UI prototype. They also have designed basic UI forms for querying movies, user sing-in and sign-up.

2. Create an end user.

   Comments: I was able to sign up and sign in on their UI.

3. Model and import data from a single source

   Comments: The movie data is being directly imported from OMDB and the team demonstrated it well.

4. Search for a movie and return information about the movie (movie info, a trailer, or ratings)

   Comments: A search query returns the first movie matching the query. The movie results display ratings from IMDB.

5. The team pushes only branches to origin and uses pull-requests for all merges to master.

   Comments: Team creates separate branches for their task and merge it into master.

6. master on origin is protected so (2a) is enforced. Hint: see settings on the team repo.

   Comments: The master branch is protected.

7. Work is being managed in Jira.

   Comments: Jira has respectable number of tasks which are distributed well among the team.

8. Jenkins runs on all pull-request submissions. It runs the test stage, which has Junit tests and code quality reports. Jenkins catches all failures in the test stage and blocks the merge to master. Jenkins should inform the team of failure either in Slack or email.

   Comments: Jenkins runs on all pull-requests with flask test state and pylint in the pipeline. They have also added test stage for react in the pipeline which is separate from flask. Jenkins build status is being notified on slack.

9. Any stretches achieved

   Comments:

   - Movie ratings being pulled from OMDB API.
   - Pull requests are notified via slack.
   - Flask code is well commented and structured with well-covered test cases. Also, ReactJS code is properly segmented into components. Overall, the team demonstrates quality coding skills.
   - Each commit is tagged with its respective Jira tickets. The team is also starting to use smart commit syntax to change Jira ticket status.

Grade: A