

Team 119
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15-437 Final Project Peer Evaluation

Individual Member Contributions

Nora

- Repository File Explorer and File View (both front and backend)
 - File explorer (dynatree)
 - File view in repository (highlight.js)
- Saving files from repositories (front and backend)
- Repository documentation rating (front and backend)
- Repository difficulty rating (front and backend)
- Deployment on AWS
- Language Proficiency form in Edit My Profile
- Language Proficiency and Credibility (skill level) list in profile (bar chart things)
- All templating (with exception of interface context variables (see Divya))
- All CSS
- All JavaScript
 - Bar charts for language proficiency
 - All language icon buttons
 - Search bar that drops down from the navbar on every page
 - Expanding/collapsing repository view
 - Spinning loaders
 - Star ratings widget
- All ajax requests and DOM manipulation:
 - Repository Functions:
 - Watching
 - Starring
 - Commenting
 - Liking Comments
 - Difficulty Rating
 - Documentation Rating
 - Viewing individual files from repository explorer
 - Saving a file from a repository
 - Viewing next level of file explorer (lazy loading of folder contents)
 - File Functions
 - Unsaving files from file stream
 - Profile

- Language Proficiency Rating
- Any page that has a list of repositories on it was loaded first and then sent an ajax request for the list of repositories:
 - My Languages Page
 - Language choice filter
 - Recent/Popular filter
 - Watching Page
 - Search Results Page

Rik

- GitHub User Authentication
- Rate User Credibility Functionality
- Search Algorithm
 - Incorporating Repository model information
 - Difficulty and documentation ratings
 - Comments
 - Filtering based on
 - User
 - Repos
 - Languages
- Search Form
- Repo Constructor Implementation
 - Combining Database and Github Repositories into single format
- Repository Model
- Catching Rate Limit and Limiting Rate Limit Issues
- Catching any exceptions thrown by the GitHub API

Divya

- Created interface from front/back end. (context variables)
- Repository Functions
 - Watching
 - Starring
 - Retrieving relevant information from API to fill header info
 - Commenting / Liking comments
- Models
 - Repository (refactored by Rik later into the Repo Constructor)
 - RepoFile
 - Comment
 - ProfileUser
- Profile
 - Recent Repositories
 - Saved Files
 - Popular Repositories

- Populating User info from GitHub
- Watch Stream
- Languages Stream
 - Popular Filter (for each language)
 - Recent Filter (for each language)
- Saved File Stream
 - Populating with github info using both github API and RepoFile models
- Backend File Infrastructure
- Testing
- Comment Form
- A tad bit of ajax here and there

Group Work Reflection

Setting Expectations

For the most part, we feel we set reasonable expectations, but there were some goals we were unable to meet for various reasons, whether it be the undertaking was too large or unforeseen problems took priority. For example, we had hoped to do more intensive testing, with a larger testing framework, during Sprint 3. Additionally we had to drop some functionalities from our application due to time constraints, such as tagging of repositories. Ultimately, a lot of tasks were completed after their intended completion dates, which pushed back our ability to complete some of the features and practices we would have liked to complete.

Communication and Meeting

We feel we had open communication regarding each other's availability. We were successful in planning meetings and attending those meeting reliably.

Dealing with Problems

We feel we were all aware when another teammate was facing a problem with a certain task, and these problems were communicated in a timely fashion. We could have improved in regards to how these problem-based discussions were handled, as sometimes emotions hindered our ability to have constructive discussion.