

Final Project: GitHub Social Coding Explore

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If the data is not personal, please link to a data source or supply the data

We used the API provided by GitHub to query details about different GitHub organizations and users. Drill down on each of the repositories for more details, which was retrieved using python functions for the visualizations.

Distribution of Work

Linya Huang

1. Idea Brainstorming
2. Design and Refinement of the design (100%)
3. Presentation Preparation
4. Color Palette for the website
5. Icon design

Madhushree Sreenivasa

1. Idea Brainstorming
2. Presentation Preparation
3. Explored GitHub API
4. Implementation of the D3 language view
5. Implemented the parsing for Profile details
6. Coded the parsing for Year view only for basic details like fetching languages

Sharanya Bathey

1. Idea Brainstorming
2. Presentation Preparation
3. Explored GitHub API
4. Setup the framework for communication between the frontend and backend
5. Coded the "Home Page" and "Start Page" both frontend and backend
6. Coded the "Overview Page" front end
7. Coded the parsing and backend details for "Language View"

Tejala Thippeswamy

1. Idea Brainstorming
2. Presentation Preparation
3. Explored GitHub API
4. Implemented the "Year View" visualization using D3
5. Implemented the python code for parsing data that was required for the "Year" view mainly the normalization of data that was required to show uniform patterns
6. Implemented the python code for parsing data that was required for the "Overview" view
7. Contact page setup