

Name: Shane Lockwood

Github link: <https://github.com/slockwoo/Programming-Project-Registry>

Title: Programming Project Registry

Description: A registry where individuals could post a software application description they wish they had, or could use, but are unwilling to pay for it. Other users can review these descriptions and develop the application if they desire. Features include searching for projects given a keyword, filtering/sorting projects (date, estimated difficulty, completed, votes), links to code or websites developers have implemented, voting for heavily demanded applications, and individual pages for users with data related to them such as projects posted, and applications developed. Related works include Reddit's "Programming Requests" and Upwork.

Actors: idea posters, developers

Functionality:

1. Idea Posters, Developers can sign up
2. Idea Posters, Developers can log in
3. Idea Posters can post project descriptions
4. Developers can search for projects
5. Developers can review posted projects
6. Developers can filter search by date posted, keywords
7. Idea Posters can upvote posted projects
8. Developers can tag a project they are working on or have completed
9. Developers can add links to their source-code repository/website/product
10. Idea Posters, Developers can upvote/downvote developer's posted links

Stretch Functionality:

1. Idea Posters, Developers can view individual user pages for idea posters and developers
2. Idea Posters, Developers can search for individual user pages