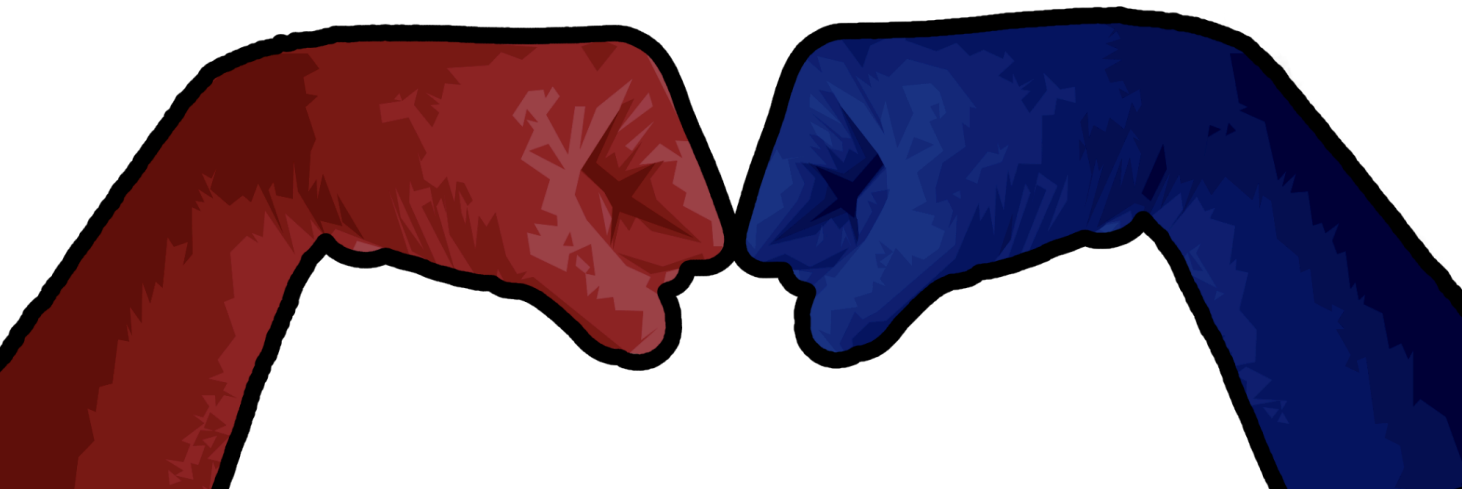


PROGPALS



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Product Vision

For recruiters, developers, students, and programmers at any level.

Who wants to collaborate on programming projects.

ProgPals is an online social networking application

That matches project leads with programmers who have the appropriate skills for the project.

Unlike LinkedIn and other recruiting services,

Our product focuses solely on programming projects and allows users to showcase their coding skills and experience.

Market Analysis

ProgPals' place in the common public market is intended to be for the average studious and deliberating programmer, and lead developer. The market plans for the program involve no invasive intrusions on the user for the sake of monetization, but instead following a passive model as exemplified by the WinRAR program.

This model's key difference to the common monetization practice of using personal data is such that we have no intention of selling any personal data to third parties, nor utilizing any persons' information outside of the program. Users are entitled to the fullest contents of the program and any updates it receives without being locked behind any form of paywall.

Though the program would compete with existing programs such as Discord, Skype, TeamSpeak, Microsoft Teams and many more in terms of general utility, ProgPals' separation from the aforementioned is its group-on-demand handling of interactions and focus on professional organization. The program is not designed nor intended for social networking, but semi-professional project management and volunteer acquisition.

Scenarios and User Stories

Scenario 1.) Anthony, a computer science student, is taking a CSC class that requires him to organize a group consisting of his classmates that together can develop and present a web application to be presented to the class.

The project lead opened the ProgPals application and searched through the list of users that are developers and meet certain language requirements. After swiping through the application and finding users that meet his language and ability standards, he sends the users requests to join his group.

After the users accepted Anthony's request, he then created a group profile. The group is then able to access each other's contact information and can begin communicating about the project.

Scenario 2.) Issac is a developer who has recently graduated college. He has decided to join a project in order to gain significant experience towards a real job; however, Issac does not have the proper connections to simply call individuals and be able to locate a project in need of developers.

In hope of efficiently locating a project to contribute to, he turns to ProgPals. He is hoping to be able to locate a project that he can sufficiently add to based on his talents so filtering through all groups/projects would allow the process to be less painful. After following the intuitive UI of ProgPals, he is able to successfully create his account containing all of his relevant information for project leads.

Issac posts his freshly-made account so that others can view and potentially allow him to contribute as well. He also decides to be

proactive and send out messages to project leads describing his skills. Eventually, Issac receives multiple messages back asking for his talents for contribution.

User Stories

- 1.) As a** lead developer who has recently lost a programmer in my group due to horrific scheduling shifts, **I** need to find a new member in order to keep the project at pace.
- 2.) As a** young programming student, who lacks adequate experience in programming projects, **I** want to find already-existing projects and project groups as I am unable to organize/come up with them on my own.
- 3.) As an** experienced senior programmer, **I** hope to spread a new programming paradigm by introducing people to a project using the paradigm.
- 4.) As a** game developer, **I** need people with HTML experience to make the world's most advanced game on a website.
- 5.) As a** professor, **I** need to be able to organize a group of assistants for a program intended for research.
- 6.) As a** CEO, **I** want to find a platform that I can utilize to find recently-graduate students, specifically developers, to hire for my company.

Functional Requirements

1. The students, job seekers, and recruiting users must be able to create an account using a username and password that will be linked as the credentials of their user account.
2. Leads must be able to create a group profile with requirements from user properties.
3. Leads must see a summary of users' profiles.
4. Leads must request to add desired users to their group.
5. Leads must add and remove users from a group.

Non-functional Requirements

1. Filter applicants/students to meet team leads/recruiters requirements.
2. Filter already "ignored" applicants to not see them reappear.
3. Account services: users can upload a profile picture and/or contact information to their account.
4. Users' sensitive information is hidden while their other information such as profile picture, name, skills, and experience are visible by other users.
5. The application has desktop functionality.