

Dream Matchmaker

There are people with dreams and ideas for new projects (dreamers), there are people with the technical know-how to turn those dreams into a reality, and occasionally there are those who can do both. Dream MatchMaker allows dreamers to post advertisements for a project and the type of people they'd like to collaborate with on the project to turn it into a reality. For example, an expert in event management might have a vision for what the "Event Management Pro" system would look like, and advertises a description for the product he'd like to create, as well as roles for a product manager, a UX designer, and two developers that he'd like to collaborate with to turn his vision into a reality. A feature set that would satisfy Dream MatchMaker's project objectives is given in the description below.

Description

Users must be able to register and login using username and password credentials. Dreamers must be able to advertise a new project, which includes a project title, description, and the roles required for the project. When adding the roles for a project, the skills & experience required for each role must also be provided. Prospective collaborators (anyone in the public) must be able to look through a catalogue of posted projects and view their full details. These prospective collaborators must be able to register for collaborators accounts and subsequently login. The registration process should collect details on the collaborator's full name, email, education, and skills and experience. Once registered, collaborators must be able to apply to fill one of the un-filled roles advertised for a project, where their application must incorporate details collected on registration (full name/email/education/skills & experience) as well as any application-specific detail that the collaborator wishes to provide. Dreamers must be able to view all applicant collaborators for a given role associated to a project they advertised, including their full application details. After looking through applications and finding suitable applicant(s), dreamers must be able to fill one or more of their un-filled project roles with collaborator applicants. When a role is filled: successful and un-successful applicants are notified (eg: over email). The system must allow collaborators to ask questions about a project, which the associated dreamer will be able to see. Once such questions are received, dreamers must be able to answer questions related to their projects, with their response sent directly to the collaborator who asked the question. Collaborators must be able to "follow" and "unfollow" any given project. Once following a project, collaborators must receive notifications, and be able to view, questions and answers that are posted for that project. Dreamers must be able to update any of their project details. When any updates are made to a project, collaborators that follow that project must receive notifications about the updates. Collaborators must also be able to receive recommendations for project roles they might be interested in based on skills/experience matches. Dreamers must be able to receive a list of collaborator recommendations for each of the roles they advertise based on skills/experience matches.

Project Objectives

Dreamers must be able to advertise a project role with details about required skills & experience. Prospective collaborators must be able to look through the full details of available projects. Collaborators must be able to receive recommendations on roles that could be suitable based on skills and experience. To increase their chances of finding a project, they must also be able to subscribe to receive information about projects they are interested in. Dreamers on the other hand must have a mechanism of communicating information to collaborators that are interested in a project. Once they've found a role collaborators must be able to apply for unfilled project roles. Dreamers must be able to fill one of their un-filled project roles with an applicant based on skills and experience. They must also be able to receive recommendations about collaborators that could fill advertised roles based on skills and experience.

Useful Links

Project collaboration system: <https://findcollabs.com/>

Example Email API: <https://sendgrid.com> (see free option)