

CS 307

Spring 2018

PROJECT CHARTER

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1ance

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Project Title

1ance (pronounced as LA-N-S)

Problem Statement

In today's world, eager young minds and students with various skills are vastly spread out through a college campus. 1ance is an opportunity for those with specialized skills to sell their unique services to those around them. 1ance also enables those with big or small ideas to connect with peers around them, allowing for a collaborative platform. The detailed profile created by each user as well as the rating system will truly allow for transparency among users prior to committing to a service or welcoming the next member of their team. Unlike our competitors Angies List, AngelList, and LinkedIn, our service is specifically catered to those with a valid Purdue email. In addition, our service is intended to create opportunities to link peers from all subjects of study within Purdue.

Objectives

- Design a website that allows students and staff to exchange services and ideas.
- Create and manage a database of the user profiles. The user profiles should each show available ratings, reviews, bio/description, skills, and other relevant information (Résumé) about the user.
- Create and manage a database of the open requests/posts.
- Implement a rating system which would allow users to rate and review freelancers for their service(s).
- Develop an authentication system that allows users to create their profiles and visit website to request or look for services.
- Implement a search bar for users to sort through the posts.
- Implement a discussion board for each post requesting or offering services.
- Construct a news feed that users can scroll through to find interesting services or ideas.
- Add direct message capabilities for 1 on 1 communications.

Stakeholders

- Product Development team & Owners
 - Arnav Jain, Kenan Dominic, Sanjit Sama, Shengqi Wang, Anjali Malik
- Product End Users
 - Students and staff with valid Purdue email
- Project Coordinator
 - Shreya Inamdar

Deliverables

- A web application made with HTML/CSS, and JavaScript, that connects users in the Purdue community by way of an online platform for exchanging services and ideas.
- A secure login system for users to enter and utilize the website.
- A feature which lets users to create profiles and present information about themselves such as their skills, bio/description, contact information, pictures, etc.
- An interactive news feed for services that are being requested along with user ratings.
- A backend based on Node.js and SQL, and hosted on our Web Server with MDBootstrap.
- A MongoDB database for storing user information and open posts about services requested and offered.
- A search bar that accepts user input to find relevant entries in the database containing open posts.
- Automated testing frameworks using Jenkins

Technology, Platforms, and Frameworks

- JavaScript
- HTML/CSS
- NodeJS
- SQL
- Git
- MongoDB
- MDBootstrap
- Jenkins