

I Need (IN)

Project Plan Document



Document Version: 2.0

AUTHORS

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VERSION HISTORY

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APPROVALS

Date	Document Version	Approver Name and Title	Approver Signature
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1. INTRODUCTION

The purpose of this document is to outline a detailed project plan and will be followed by a prototype and a final implemented project that will be finished at the end of the semester.

2. STATEMENT OF WORK

Phoenixolutions was requested to work on a web application that will enable users to exchange services for products, money, or other services. The platform is being built to give users the option to work with professionals or other skilled users in the area and expand the trade business and support the local community. The convenience to the users comes from the ability to locate users that are closer and cheaper than other large companies.

The beginning part of the product development process is setting up a design plan and skeleton base for the project that will eventually become the prototype. The final product will have features that include login/sign up, list your skills and services, match users with workers, and reduce and expand a region to find users around you. We will be starting with 5 categories of services that users can browse from. Each category will have sub-categories that help narrow down your choice of service.

3. WORK REQUIREMENTS

Homepage

The homepage will contain a navigation bar with features when clicked upon will take the user to those pages. The homepage will include the option to sign in/make an account. The homepage will also contain a quick search with categories and subcategories to narrow down the user's search for a service.

Login

The login page will be accessed from the navigation bar. The login page will contain a form to collect input for the users' email address or username and password

Sign Up

The sign-up page will be accessed from the navigation bar. The sign-up page will contain a form to collect a users' information and create the user an account

Profile

Basic user interface for building a profile so that users can list their skills or services they would be willing to provide. Users will also be able to list their goods or monetary value they would be willing to trade for a service.

Navigation Bar

The navigation bar will be located at the top of each page. The navigation bar will contain a Login/Sign up button, Profile button if the user is logged in, and a search bar to look for services that the user may want.

Categories

The categories bar will be located under the navigation bar. The beginning versions of the application will have 5 categories with subcategories within each to show the services available. As the application develops it may be necessary to add more categories.

Quick Search

The search bar will allow users to type in keywords or phrases to search for a service or user specifically.

4. SCHEDULE/MILESTONES

Kickoff:

- Make the project plan
- Approve project plan

Design Phase:

- Design documentation
- Skeleton code
- Boiler plate

Build Phase:

- Add functionalities
- Backend scripts

Implementation Phase:

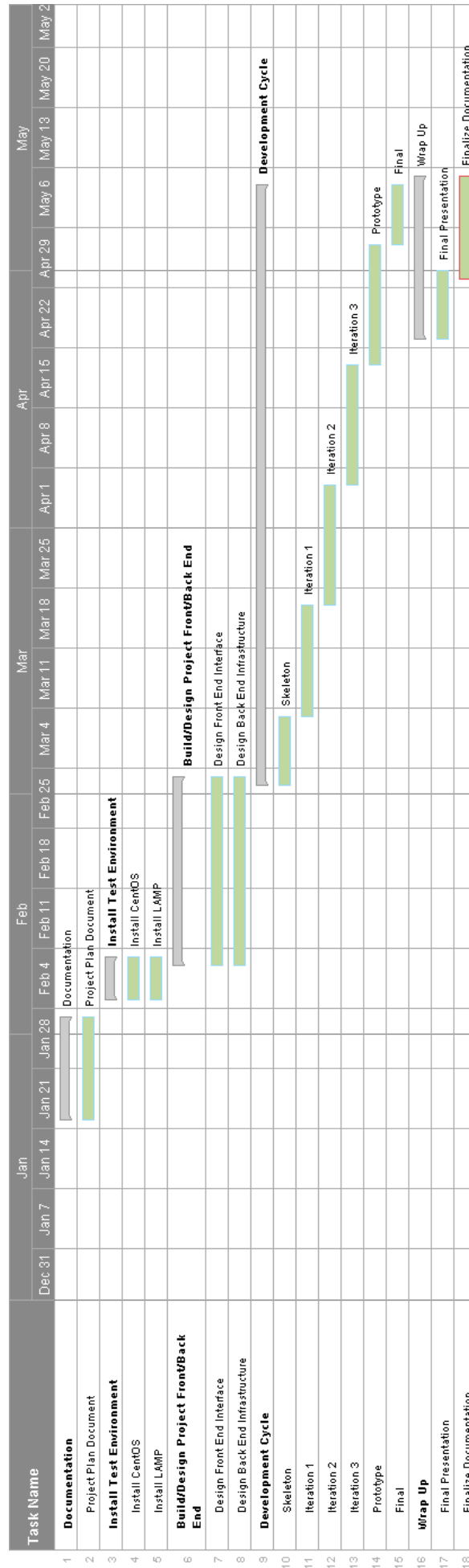
- Implement code to work with skeleton
- Check for mismatches in code

Testing Phase:

- Test code for any additional bugs
- Add/Fix any additional code
-

Handoff/Closure:

- Finish prototype by Presentation date
- Finish and handoff project to Dr. Che by end of Semester



5. RESOURCE REQUIREMENTS

- Brackets IDE for all coding and testing purposes
- Firebase for authentication
- Server for pushing all code
- GitHub uses for collaboration
- Bootstrap

6. RISKS

- Checking verification and authentication of all users
- Location matching issues

7. ROLES AND RESPONSIBILITIES

Name	Responsibilities	Title
Ganesh Koripalli	<ul style="list-style-type: none">• Track team progress and help team work together to achieve goals before hitting deadlines.• Design components of the website	Project Manager, Front-end Developer
Kirby Hermann	<ul style="list-style-type: none">• Design, build, and implement components and functionalities of website and user interface	Front-end Developer
William Shamrock	<ul style="list-style-type: none">• Design and implement functional components of the server. Build and maintain the database.	Back-end Developer

Date:

Approved by:

Approver Signature:

Mentor Name:

Mentor Signature:
