

PROJECT PROPOSAL REPORT



GINA CODY SCHOOL OF ENGINEERING & COMPUTER SCIENCE

COURSE NAME : SOFTWARE ENGINEERING

COURSE CODE : 6311

PROJECT NAME : FREELANCING PLATFORM

TEAM NAME : YELLOW FAFDA

GUIDED BY : Dr. TARIQ DARADKEH & MOHAMMAD ALTAHAT (TA)

TEAM MEMBERS :

SR. No.	NAME	STUDENT ID
1	Bhavarth Pandya	40236511
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5	Prachi Shah	40258042
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TABLE OF CONTENTS

1. INTRODUCTION	2
2. PROJECT DESCRIPTION.....	4
3. USER STORIES	5
4. TEAM DESCRIPTION.....	6
5. TEAM MEMBERS & ROLES.....	7
6. MEETING SCHEDULES.....	8
7. LISTS OF TOOL.....	9
8. ADDITIONAL TASK.....	10

1. INTRODUCTION

Freelance platforms enable freelancers to build a profile, display their work portfolio, and communicate with potential employers. Businesses may search a freelancer directory based on experience, talents, and other criteria. As a result, businesses may outsource labor-intensive and time-consuming tasks while focusing on their core competencies.

2. PROJECT DESCRIPTION

We are looking forward to developing a platform for the job seekers as well as job providers. The platform provides authentication, job description, feedback, payment gateway, creating and updating profile, help & support, and FAQ.

This application tries to solve problem such as hiring a freelancer for service provider, who will provide tasks with required specifications. In addition, job seekers would be able to find work of their interest and can complete it remotely. This will save lot of resources and time for both the ends. With the help of programming language, we are going to develop a freelancing platform that can address the requirements for the users and make them satisfied after approaching it. Users need to ensure that they log in to the platform by providing the electronic mail or Facebook credentials. The system should be able to consume and sustain the large numbers of personal information into the data storage. In this platform, users can make a portfolio of their technical skills, experiences and certifications. Users can update their profile depending on their programming languages, services, availability etc.

Additionally, users get an option to send the invitation to their friends to work on the same platform. So, that more people can use this platform to grab the opportunities. A user can work according to their desired choices, in particular discipline or field they want and get worth-it income. For that, we included a section for search on the dashboard. Here, user can find job post as per their searched keyword. Moreover, the system will automatically recommend the posts to the users based on their previous search on a propriety bases.

Similarly, task providers can also include specific information about the task that they want to achieve. Meanwhile there will be various interaction options so that there will be no communication gap between two users. This includes personal chat box, email address, mobile number and more. In addition, they can negotiate, convey their doubts and discuss on various aspects in real time chat.

Furthermore, once the work or task is finished as per the criteria of project providers, they can verify the work in depth and after feeling surety about the project completion; the process will move further for feedback and then after to payment gateway.

3. USER STORIES

- (1) As a user, I need search console to browse list of available service categories.
- (2) As a user, I need to type certain keywords, programming language, categories et cetera for the ease of job search.
- (3) As a user, I have access to communicate with the other users by integrated messenger.
- (4) As a user, I have access to rate quality of freelancer's work.
- (5) As a user, I want an invitation tab to invite a friend via email.
- (6) As a user, I want to update my profile whenever I need.
- (7) As a user, I want to select most matching job suitable to my profile
- (8) As a user, I have access to upgrade the posted project technical requirement.
- (9) As a user, I have access of FAQs and live chat support.
- (10) As a user, I have access of application via website.

4. TEAM DESCRIPTION

“Yellow Fafda”

“Even a single person’s contribution makes a difference”

Goals –

1. Develop the project by giving the best efforts.
2. Complete the task with good-quality work.
3. Maintain the time limit in the development.
4. Finish all the tasks that are required in this project.

5. TEAM MEMBERS & ROLES

Name	Role	Schedule To Work/ Week	
Bhavarth Pandya	Frontend & Implementation	Monday	4hours
		Tuesday	6hours
		Wednesday	4hours
Jay Prajapati	Database & Scrum Master	Monday	4hours
		Tuesday	6hours
		Wednesday	4hours
Kathan Prajapati	Backend & QA Testing	Friday	6hours
		Saturday	6hours
Miraj Patni	Database & Support	Monday	4hours
		Tuesday	6hours
		Wednesday	4hours
Prachi Shah	Frontend & Designing Outline	Friday	4hours
		Saturday	4hours
		Sunday	4hours
Twinkal Christian	Backend & Designing Outline	Friday	6hours
		Saturday	6hours

- This schedule to work does not include meeting timings;
This schedule is professional timings given to the project by individual.

6. MEETING SCHEDULES

Date	Scrum planning meeting	Scrum review meeting	Scrum retrospective meeting	Event
9 th Feb Thursday				Project Proposal / Sprint -1 begin
10 th Feb Friday	Library Group Study Room (3 to 5 pm) (For Sprint -1)			
9 th Mar Thursday		Library Group Study Room (3 to 4 pm) (For Sprint - 1)		Sprint -1 Presentation / Sprint -2 begin
10 th Mar Friday			Library Group Study Room (3 to 4 pm) (For Sprint - 1)	
10 th Mar Friday	Library Group Study Room (5 to 8 pm) (For Sprint -2)			
30 th Mar Thursday		Library Group Study Room (3 to 4 pm) (For Sprint - 2)		Sprint -2 Presentation / Sprint -3 begin
31 st Mar Friday			Library Group Study Room (3 to 4 pm) (For Sprint - 2)	
31 st Mar Friday	Library Group Study Room (5 to 8 pm) (For Sprint -3)			
13 th Apr Thursday		Library Group Study Room (3 to 4 pm) (For Sprint - 3)		Final Presentation

Everyday daily scrum meetings will be held on Microsoft Team (Timing – 9:00 to 9:30 pm)

Meeting Link - <https://teams.microsoft.com/l/meetup-join/19%3aJPD0d7H-Nom-tJefAg3AZKEDfFzeIOQdHw1CIGUgRRY1%40thread.tacv2/1675207646373?context=%7b%22Tid%22%3a%225569f185-d22f-4e13-9850-ce5b1abcd2e8%22%2c%22Oid%22%3a%22ed138ce5-8217-432c-8a21-7d1b9fb88888%22%7d>

7. LIST OF TOOLS TO BE USED

➤ **IDE (Integrated Development Environment)**

- 1.) VSCode
- 2.) IntelliJ Idea Ultimate
- 3.) Eclipse

➤ **FRONTEND**

- 1.) HTML
- 2.) CSS
- 3.) JS (Java Script)
- 4.) Angular/ReactJs

➤ **FRAMEWORK**

- 1.) Bootstrap
- 2.) jQuery
- 3.) Spring Boot

➤ **DATABASE**

- 1.) MYSQL Server

➤ **BACKEND**

- 1.) JAVA
- 2.) Spring Boot
- 3.) Spring Data JPA
- 4.) JSP / Servlet *(if needed)

OTHER TOOLS:

- Apache Tomcat
- MySQL Workbench

COMMUNICATION TOOLS:

- 1.) JIRA Software / Confluence
- 2.) MS Teams
- 3.) Microsoft 365
- 4.) Outlook

8. ADDITIONAL TASKS FOR WORK PLANNING

Framework:

Using the framework, we can focus on the business logic of the application instead of re-developing the common and redundant modules or writing boilerplate code. Therefore, we are planning to use few of the most common frameworks, which are mentioned below.

Collection framework – Hold or store temporary data

Spring Boot – Developing REST APIs

Angular JS – Developing Frontend

Bootstrap – CSS and UI betterment

Database connectivity:

As we are planning to use the Spring Boot framework so we will be utilizing **Spring Data JPA** as **ORM** and its built-in features for database connectivity. Additionally, the database **connector** will be added along with **driver-class-name** in **pom.xml** and property file, respectively.

Tools configuration:

There is no prior requirement foreseen for tools at this particular moment but we will analyse the market and will be added on as per requirement basis.

Confluence Link: <https://smp1.atlassian.net/l/cp/yK4zjicp>
