WIF2003 Web Programming
Semester 2, Session 2023/2024
Project Proposal

Please provide the following details for the project proposal.

Team 11:

No.	Name	Student ID	Tutorial OCC No.	Team leader (√)	Joint Project with WIF2002 SRE (Yes/No)	Joint Project with WIA2002 Software Modelling (Yes/No)
1.	NG YONG JING	22004800	3		Yes	Yes
2.	MAK WEN EE	22004854	2			
3.	CHIN XUE TING	22004796	2			
4.	DANG YAN ROU	22004743	1	√		
5.	DING JIA LING	22057521	1			
6.	AGNES NORIS	U2102100	1			

Your team should propose a web-based system to support active or passive entrepreneurship.

Web Application Title:	Freelancer Hub

Target users:	1. Clients:
	    a. Business Owners
	    b. Project Managers
	    c. Startups
	2. Freelancers:
	    a. Independent Contractors
	    b. Remote Workers
	    c. Specialized Professionals
	    d. Part-time Workers

Brief Project Description:	The Freelancer Hub is a comprehensive platform designed to facilitate seamless collaboration between clients and freelancers across various projects. Users begin by registering an account, followed by logging in to access the platform's features. Clients can then post projects with detailed descriptions and requirements, which are listed on the platform for freelancers to discover. Freelancers can browse through available projects, submit proposals, and bid on projects that align with their skills and expertise. Clients receive notifications upon proposal submission and can review and accept or reject bids as needed. Once a bid is accepted, both parties proceed to create a project agreement, which outlines terms and conditions for the collaboration. Throughout the project lifecycle, users may choose to conduct most of the project management and updates outside of our platform. This could include communication, file sharing, and progress tracking via external tools or channels preferred by both parties. Upon completion of the project, both parties return to the platform to confirm the completion, triggering the payment process. Finally, users provide feedback and ratings based on their experience, contributing to the platform's reputation system. With its intuitive interface and robust feature set, the Freelancer Hub website streamlines project management processes, fosters transparency and accountability, and empowers users to efficiently collaborate on projects from start to finish.

Problem Statement:	1. **Client-Freelancer Connectivity:** - Many clients struggle to find suitable freelancers for their projects, while freelancers face challenges in discovering relevant project opportunities that match their skills and preferences. 2. **Transparency and Trust:** - There is a lack of transparency and trust in project collaborations, leading to concerns about the reliability of freelancers, clarity of project requirements, and fairness in project agreements and payments. 3. **Efficient Project Management:** - Clients and freelancers find it challenging to efficiently manage project workflows, including project creation, bidding, agreement submission, status updates, and payment processing, leading to project delays and inefficiencies.
Project Objective (2-3):	1. To design, develop, and launch a fully functional freelancer marketplace website with core features including user authentication, project listings, bidding and proposals, agreement management, project management as well as rating and feedback, ensuring seamless connectivity between clients and freelancers within a 12-week timeframe (by 03/06/2024). 2. To develop a robust project browser and application system that empowers freelancers to discover, filter, and apply for projects based on their skills, preferences, and availability, facilitating efficient project matching within a 12-week timeframe (by 03/06/2024). 3. To implement features such as project filtering, bid and proposal submission, project agreement submission, and rating systems to promote transparency, trust, and accountability in project collaborations, ensuring clarity in project requirements, fair agreements, and reliable freelancers within a 12-week timeframe (by 03/06/2024).

Proposed modules and features:

No	Module	Feature	Feature - Brief Description	Member in charge
1	General Modules	Register account	To allow users to sign up for an account as freelancer or client by providing basic information	NG YONG JING
		Login	To enable users to securely log in to their accounts	MAK WEN EE
		Edit Profile	To allow users to edit their profiles, including updating bios and contact details.	CHIN XUE TING
		Receive Notification	To implement a notification system to alert users about new messages, project updates, or other important activities.	DANG YAN ROU
		Reset password	To allow users to reset their password	DING JIA LING
2	Project Listing	Create Project	To provide clients with the ability to create project listings, including project title, description, budget, and deadline	AGNES NORIS
		Search Project	To implement filters to help freelancers find projects based on criteria like skills required, project budget, and project category	NG YONG JING
		View Project Details	To allow users to view detailed information about each project, including requirements, deadlines, and client feedback.	MAK WEN EE

		Send invitation	To allow clients to send invitations to their selected favorite freelancer for applying to their posted project.	DING JIA LING
3.	Bidding and Proposals	Submit bidding proposal	To allow freelancers to submit proposals and bids for projects they're interested in.	CHIN XUE TING
		Review bids	To enable clients to review and compare bids submitted by freelancers.	DANG YAN ROU
		Manage bids	To provide clients with the ability to accept or reject bids based on their preferences.	DING JIA LING
4	Favorite	Add favorite project	To allow both clients and freelancers to add and view favorite projects.	AGNES NORIS
		Add favorite collaborator	To allow freelancers to add favorite clients or clients to add favorite freelancers as collaborators.	NG YONG JING
		Manage favorite	To allow both freelancers and clients to edit favorite collaborators and favorite projects.	MAK WEN EE
5	Project Management	Status Update Upon Assignment	To automatically update the project status to "Assigned" once a freelancer is selected and the agreement is finalized.	CHIN XUE TING
		Update Project Status	To update the project status to "Completed" once all deliverables are submitted and approved.	DANG YAN ROU
		Manage Project	To allow clients to edit the project details, delete projects, and view project proposals from freelancers.	MAK WEN EE
		Make payment	To integrate a secure 3rd-party payment gateway to facilitate transactions between clients and freelancers.	DING JIA LING
6	Rating and Feedback	Give Rating	To allow users to assign scores to each other based on their performance on completed projects.	AGNES NORIS
		Submit Feedback	To enable both clients and freelancers to provide detailed comments or feedback on the completed project. This feedback could include observations, suggestions, commendations, or areas for improvement based on the overall project experience.	NG YONG JING
		View reviews	To allow users to view the average rates and number of rates obtained by a user from the previous collaborator in the profile for future reference of other potential collaborators.	DANG YAN ROU
Total modules: 6		Total features: 22		

Provide a Cloud drive link (e.g. Google Drive, One Drive) with additional document(s) such as report from WIA2002 Software Modelling:

Link: SPD final report_GA_T2_WIA2002