Project Design Phase-II
Data Flow Diagram & User Stories

Date	21 June 2025
Team ID	LTVIP2025TMID56879
Project Name	**FreelanceFinder: Discovering Opportunities, Unlocking Potential**
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Data Flow Diagrams Freelancing Platform :
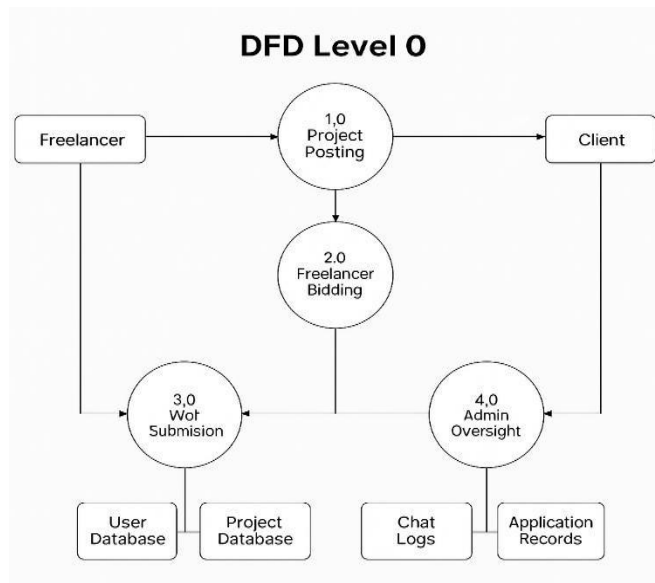
The Level 0 Data Flow Diagram provides a high-level overview of how data flows through the SB Works platform. It captures interactions between **users**, **processes**, and **data stores** without diving into technical implementation.

External Entities:

- **Freelancer** – Interacts with the platform to bid on projects, submit work, and communicate with clients.
- **Client** – Uses the platform to post projects, evaluate freelancers, and provide feedback.
- **Admin** – Monitors platform activity, manages disputes, and ensures compliance with platform policies.

Processes:

1. **Project Posting (1.0)** – Clients submit new projects including descriptions, budget, and timeline. The data is stored in the Project Database.
2. **Freelancer Bidding (2.0)** – Freelancers browse available projects and place bids. These bids are stored in the Application Records.
3. **Work Submission & Feedback (3.0)** – Once hired, freelancers complete the tasks and upload deliverables. Clients review and provide ratings or comments. Related data is stored in the Project Database and User Database.
4. **Admin Oversight (4.0)** – Admins track user activity, communication logs, and intervene in case of disputes or rule violations. This process accesses all system logs and records.

Data Stores:

- **User Database** – Contains personal details, account settings, profiles, and ratings of users (freelancers and clients).
- **Project Database** – Stores all project-related data including requirements, submissions, and outcomes.
- **Chat Logs** – Archives of communication between users for transparency and resolution.
- **Application Records** – Contains freelancer proposals, client responses, and bidding history.
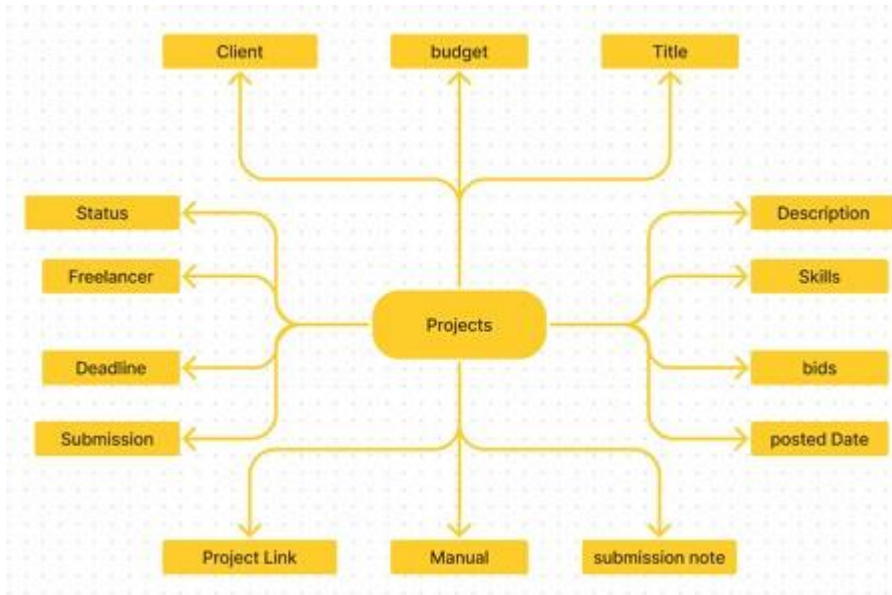
User Stories Freelancing Platform:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Freelancer	Registration	USN-1	As a freelancer, I want to register using my email and password.	Successful login and dashboard access	High	Sprint-1
Freelancer	Portfolio Setup	USN-2	As a freelancer, I want to create and update my portfolio.	Profile reflects skills, projects, and portfolio	High	Sprint-2
Freelancer	Bidding	USN-3	As a freelancer, I want to bid on projects with a custom proposal.	Proposal is sent and listed under 'My Bids'	High	Sprint-2

Freelancer	Communication	USN-4	As a freelancer, I want to chat with clients to clarify project details.	Real-time chat works inside the project page	Medium	Sprint-3
Freelancer	Submission & Feedback	USN-5	As a freelancer, I want to submit final work and receive feedback.	Work submission and rating are visible	Medium	Sprint-4
Client	Project Posting	USN-6	As a client, I want to post a project with skills, budget, and timeline.	Project appears in freelancer dashboard	High	Sprint-1
Client	Freelancer Review	USN-7	As a client, I want to browse freelancer profiles and select one.	Selected freelancer receives a project assignment	High	Sprint-2
Client	Feedback	USN-8	As a client, I want to provide ratings and comments after project completion.	Feedback appears on freelancer profile	Medium	Sprint-4
Admin	User Oversight	USN-9	As an admin, I want to monitor user activity to maintain platform integrity.	Admin dashboard shows logs and reports	High	Sprint-3
Admin	Dispute Resolution	USN-10	As an admin, I want to handle disputes between clients and freelancers.	Disputes marked resolved in the system	Medium	Sprint-4