Project Title	**Online Matrimonial site**
Technologies	MERN
Domain	Utility
Project Level	Medium

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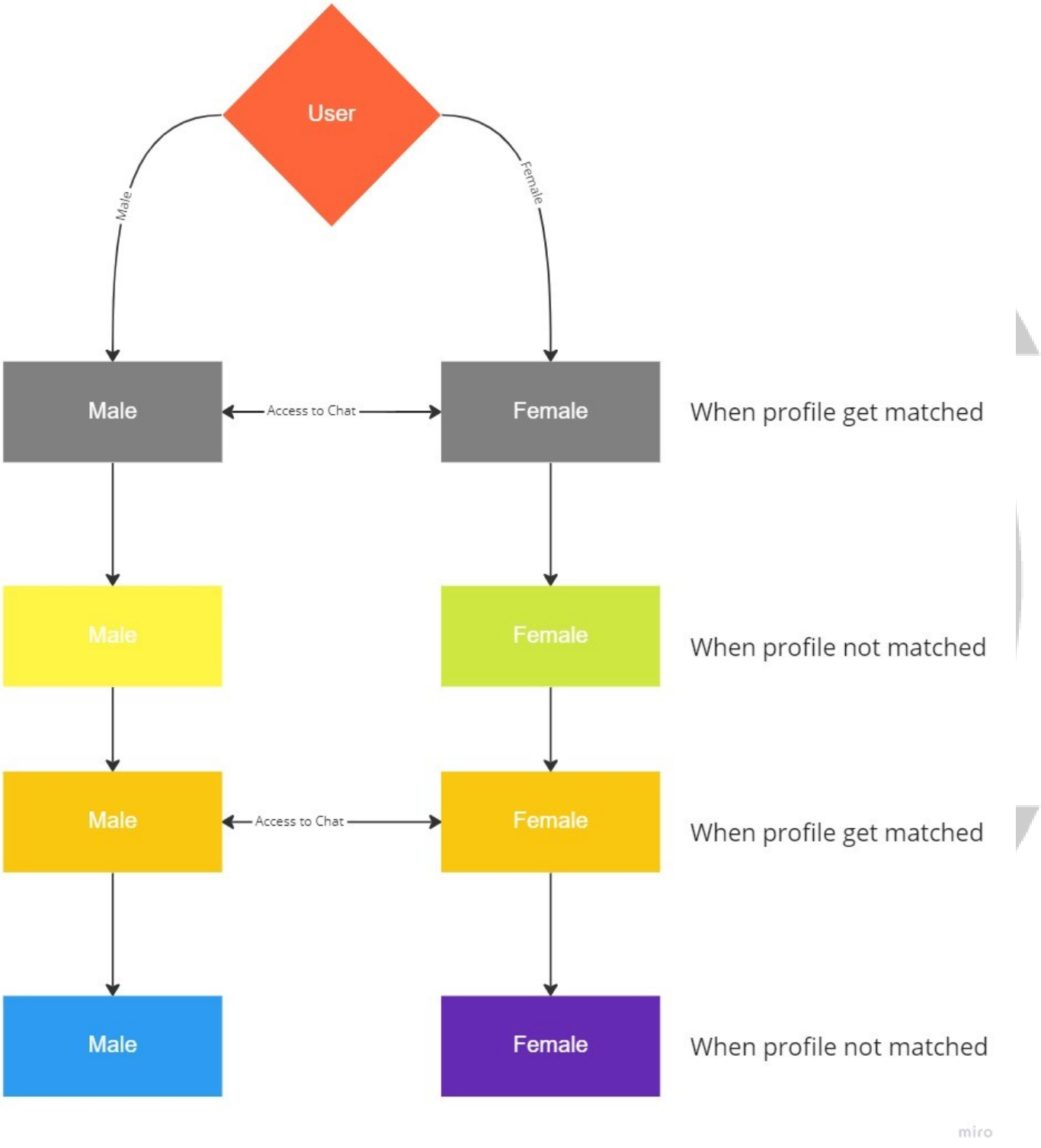
1. Problem Statement:

Develop an online matrimonial site to let individual find their potential matches for marriage according to their priorities. This project enables the expression "Marriages are formed in heaven" to be replaced with "Marriages are now made online." One can look through the profiles of users who have registered on this website using this application. This enables people to provide information about themselves, including Name, Gender, Religion, Caste, Marital Status, Current Salary, Occupation, etc. This application also enables the upload of the user's photo and kundali. The person looking for a spouse can register and check through profiles to find someone who meets their requirements. This application enables users to search by gender, age, religion, caste, marital status, and other criteria. Users may also view their kundalis, which are currently given top priority in many castes. When an individual select a profile which

matches his/her requirement, they will get access to chat with permission of both. If one of them removed the chat access with next person then next person cannot send him/her message.

2. Features:

- Registration and Login.
- Enter Personal details
- Enter Family Details
- Enter Partner Preferences
- Provides the searching facilities based on various factors. Such as gender, education, lifestyle, etc.
- Before profile matches with anyone no personal data should be visible.
- Also, you can send invitation to other users and if the user accepts your invitation, you can send message to each other.



3. Project Evaluation metrics:

3.1. Code:

- You are supposed to write code in a modular fashion ● Safe: It can be used without causing harm.
- Testable: It can be tested at the code level.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works similarly in every environment (operating system).
- You have to maintain your code on GitHub.
- You must keep your GitHub repo public so anyone can check your code.
- Proper readme file you have to maintain for any project development.
- You should include the basic workflow and execution of the entire project in the readme file on GitHub.
- Follow the coding standards.

3.2. Database:

MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas.

3.3. API Details or User Interface:

You have to expose your complete solution as an API or try to create a user interface for your model testing. Anything will be fine for us.

3.4. Deployment:

Deploy the application on your preferred service.

3.5. Solutions Design:

You have to submit complete solution design strategies in High-level Document (HLD), Lowlevel Document (LLD), and Wireframe documents**.**

3.6. System Architecture:

You have to submit a system architecture design in your wireframe document and architecture document.

3.7. Optimization of solutions:

Try to optimize your solution on the code level, and architecture level, and mention all of these things in your final submission.

4. Submission requirements:

4.1. High-level Document:

You have to create a high-level document design for your project. You can reference the HLD form below the link.

Sample link: HLD Document Link

4.2. **Low-level document:**

You have to create a Low-level document design for your project; you can refer to the LLD from the link below.

Sample link: LLD Document Link

4.3. **Architecture:**

You have to create an Architecture document design for your project; you can refer to the Architecture from the link below.

Demo link: Wireframe Document Link

4.4. **Wireframe:**

You have to create a Wireframe document design for your project; refer to the Wireframe from the link below.

Demo link: Wireframe Document Link

4.5. **Project code:**

You have to submit your code to the GitHub repo in your dashboard when the final submission of your project.

Demo link: Project code sample link

4.6. **Detail project report:**

You have to create a detailed project report and submit that document as per the given sample.

Demo link: DPR sample link

4.7. Project demo video:

You have to record a project demo video for at least 5 Minutes and submit that link.