

VirtuMarket : Marketplace for Services

Overview: A web-based platform that connects service providers with clients. This marketplace allows users to offer, discover, and purchase a wide range of services (eg. Tutoring, designing, development etc.). This project emphasizes scalability, security, and ease of use.

Key Features:

1. User Roles:

- **Service Providers:** Can register, create a profile, and list their services with details (eg. Price, description and availability).
- **Clients:** Can register, browse, compare, and book services. They can also leave reviews and ratings.
- **Admin:** Manages the platform by approving services, resolving disputes, and ensuring smooth operations.

2. Service Listings:

- Categories and subcategories for easier navigation.
- Advanced search functionality with filters (eg. Price range, location, rating)

3. Booking and Payments:

- Real-time booking for services based on availability.
- Secure payment integration.

4. User Authentication and Profiles:

- Secure user authentication
- Comprehensive user profile showcasing skills, experience, and portfolio for providers.
- Option for clients to manage favourites, track orders, and view reviews.

5. Review and Rating System:

- Clients can leave reviews and ratings for services received.
- Feedback helps maintain quality and builds trust.

6. Messaging System:

- Direct communication between service providers and clients.
- Notifications for updates, bookings, and messages.

7. Admin Panel:

- Dashboard for managing users, listings, transactions, and platform settings.
- Data analytics to track platform performance.

Project Workflow

1. Requirement Analysis:

- Identify the key categories of services to include.
- Determine user flows for both clients and service providers.

2. Design:

- Create wireframes for user interfaces.
- Plan the database schema for users, services, transactions, and reviews.

3. Development:

- Implement user registration, authentication, and roles.
- Build service listing, booking, and payment functionalities.
- Develop review, rating, and messaging systems.

4. Testing:

- Conduct unit, integration, and user acceptance tests to ensure functionality.

5. Deployment and Maintenance:

- Host the platform and monitor for issues.
- Implement regular updates for features and security.