

Laying Foundation of Marketplace Journey

Marketplace: Rental Marketplace
Name: “Rentify” – A Peer-to-Peer Rental Marketplace

Objective

"Rentify" aims to provide an easy-to-use platform for users to rent and lease items. Unlike traditional e-commerce, this platform focuses on maximizing resource utilization and promoting a sharing economy. Users can rent out personal belongings they seldom use or lease items for short durations without purchasing.

Goals

Promote Sustainability:

Encourage a circular economy by reducing waste and the need for ownership.

User Accessibility:

Provide a seamless user experience to list and rent items.

Trust and Safety:

Implement a secure and reliable platform with verification systems for renters and rentees.

Convenience:

Offer features like instant bookings, delivery management, and payment integrations.

Scalable Platform: Build a robust foundation for global expansion.

Key Features

1. User Roles:

- a. Renter: Can list items for rent.
- b. Rentee: Can browse and rent items.
- c. Admin: Manages the platform.

2. Listings:

- a. Categories (Electronics, Furniture, Vehicles, Tools, etc.)
- b. Item details (Photos, Description, Rental Fee, Deposit, Availability Calendar).

3. Search & Filters:

- a. Location-based search.
- b. Filters by price, category, availability, and rating.

4. Booking & Payments:

- a. Booking calendar with time slots.
- b. Integrated payment gateway (e.g., Stripe or PayPal).
- c. Security deposit management.

5. Messaging & Reviews:

- a. Chat system for renter-rentee communication.
- b. Review system to build trust.

6. Delivery & Pickup:

- a. Optional delivery service integration.
- b. Pickup scheduling.

7. Authentication:

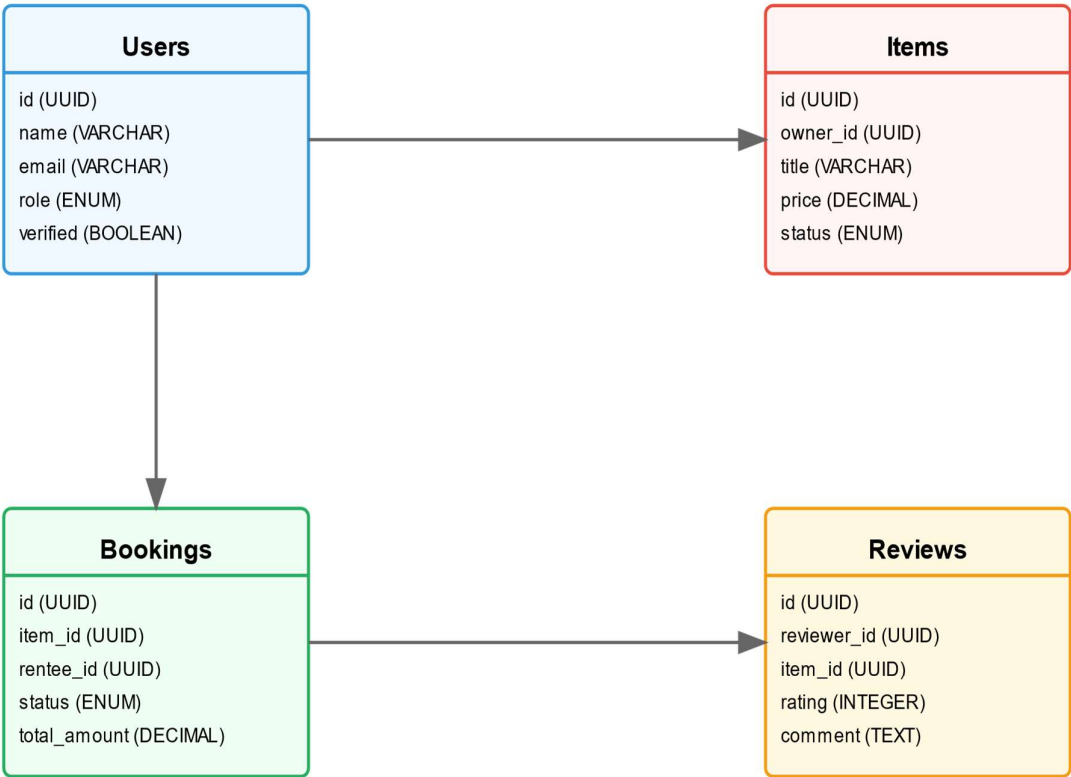
- a. User registration/login via email or social accounts.
- b. Identity verification using third-party services (e.g., ID.me).

8. Admin Dashboard:

- a. Manage users, listings, and disputes.
- b. View analytics and platform earnings.

Data Schema

Entities and Relationships:



Layout Design

