Baklay Cebu: Online Hiking & Trekking Bookings

Features/Abstract:

The Hiking Booking System (HBS) is a web-based platform that enhances trail management and user experience by providing secure, role-based access to Park/Trail Administrators, Booking Managers, and Hikers. It ensures efficient trail slot management, booking and permit processing, and convenient hiker access to booking details and trail information.

- **Admin : Manages Treks, Approves Bookings, and Assigns Guides.**
- **Hiker/Customer : Books Treks, Views Status, and Accesses Permits.**
- **Trail Guide/Staff : Checks Permits at trail head and Updates Booking Status (e.g., to Completed).**

Entities

- **User**
  - *u_id, u_name, u_email, u_contact, u_type, u_status, u_pass*
- **Trek**
  - *t_id, t_code, t_desc, t_difficulty, t_price*
- **Booking**
  - *b_id, u_id (FK to User/Customer), t_id (FK to Trek), guide_id (FK to User/Guide), b_date, b_status*

GitHub Link :

https://github.com/ohahamelmel/HikeSYSTEM.git

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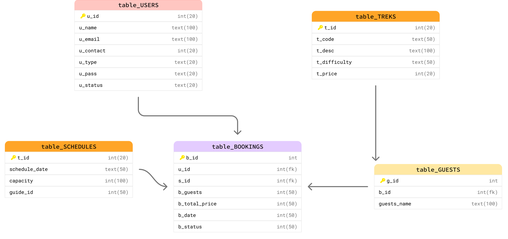
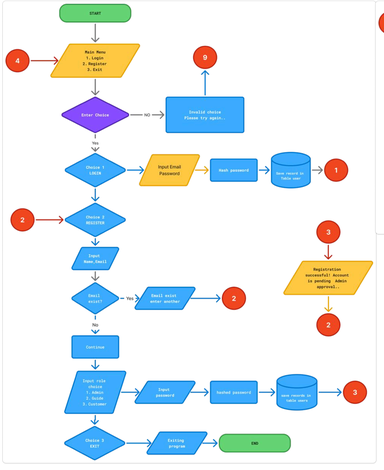
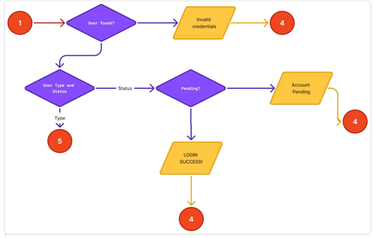
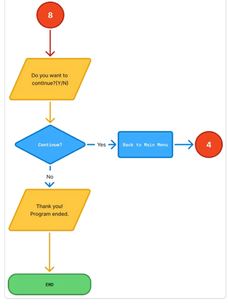
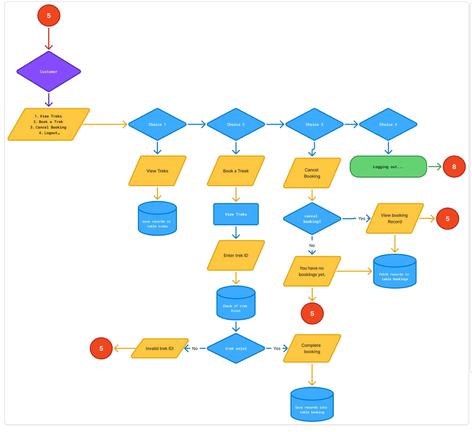
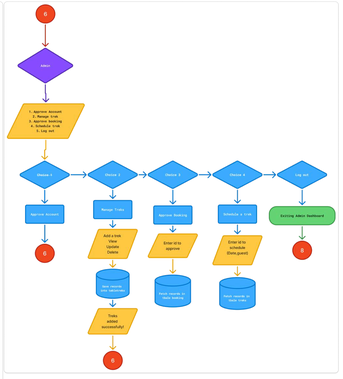
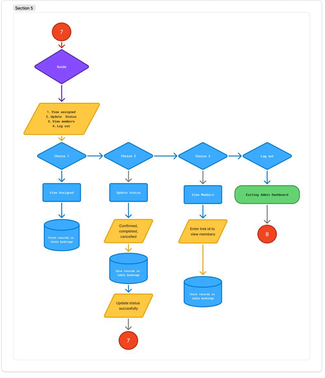
ENTITY-RELATIONSHIP DIAGRAM



FLOWCHART (DRAFT)