Integrated Community Service Platform

This project aims to develop an Integrated Community Service System, which will act as a centralized digital platform to address a wide range of community needs. The system is designed to foster stronger connections within the community, streamline communication, and make essential services more accessible to everyone. By integrating features like Lost & Found, Buy & Sell, Community Services, Event Notifications, and an Emergency Alert System, this platform aims to enhance convenience, safety, and inclusivity.

Features and Functionalities

Lost & Found

- Users can report and search for lost items with descriptions, dates, and locations.
- Status tracking.
- Search and filter options to match lost and found items.

Buy & Sell

- Community members can list items for sale.
- Buyers can contact sellers directly.
- Search and filter capabilities by categories by category, price, and location

Community Services

- Directory of service providers (plumbers, electricians, tutors, etc.).
- Search functionality by service type or location.
- Booking and request
- Review and rating module

Job Opportunities

- Job postings for part-time, freelance or full-time
- Resume uploads and application submission

Events

- Community events can be added by authorized users.
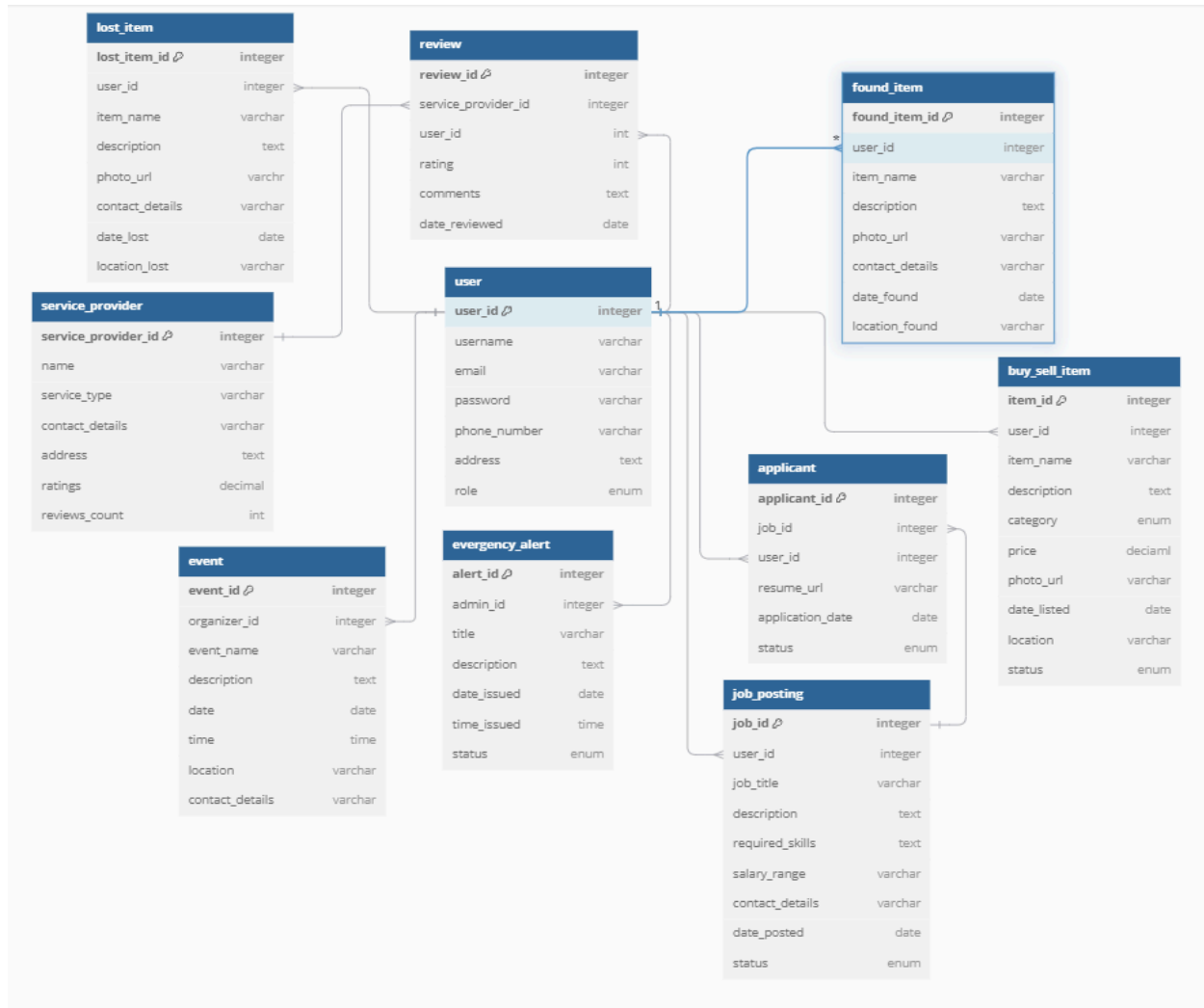- Notifications sent to all registered users.

Emergency Alert System

- Admins can broadcast urgent alerts (e.g., weather warnings, safety notices).
- Real-time notifications to all users.

System Workflow

- Diagram or flowchart of user interactions (e.g., login, search, post, notifications).

Proposed Database Design:ERD

Development Plan

Tools and Technologies

- **Frontend**: HTML, CSS, JavaScript for user interfaces.
- **Backend**: Node.js (express.js) for server-side development.
- **Database:** MySQL

Conclusion

The Integrated Community Service System will streamline community interactions by offering a comprehensive set of features. Future enhancements could include AI-based recommendations for better user experience.