

Community Skill Exchange Platform

A web application where users can exchange skills — for example, a designer teaching Photoshop in exchange for coding lessons.

Requirements

1. User Authentication & Profiles

- User registration & login (email verification)
- Role-based access (Learner/Teacher/Admin)
- Profile customization (skills, bio, location)
- Profile picture upload & edit
- Password reset via email

2. Skill Listings & Search

- Create new skill listings (with category & description)
- Filter/search skills by category, rating, or location
- View detailed skill post pages
- Favorite or bookmark skills
- Pagination for large lists of skills

3. Skill Exchange Management

- Request a skill exchange (send/accept invitations)
- Messaging system between users
- Schedule management (calendar integration)

- Feedback and rating system after session
- Notifications for requests and messages

4. Admin Dashboard

- Manage users (activate/deactivate accounts)
- Approve or reject skill listings
- Track overall platform analytics (users, exchanges, top skills)
- Send announcements or warnings to users
- Backup and restore data from MySQL