

## Problem Statement 1: -

### Skill Swap Platform

#### Overview:

Develop a Skill Swap Platform — a mini application that enables users to list their skills and request others in return

#### Features:

- ◇ Basic info: Name, location (optional), profile photo (optional)
- ◇ List of skills offered
- ◇ List of skills wanted
- ◇ Availability (e.g., weekends, evenings)
- ◇ User can make their profile public or private.
- ◇ Users can browse or search others by skill (e.g. “Photoshop” or “Excel”)
- ◇ Request & Accept Swaps:
  - Accept or reject swap offers
  - Show current and pending swap requests
- ◇ Ratings or feedback after a swap
- ◇ The user is also able to delete the swap request if it is not accepted.

#### Admin Role

- Reject inappropriate or spammy skill descriptions.
- Ban users who violate platform policies.
- Monitor pending, accepted, or cancelled swaps.
- Send platform-wide messages (e.g., feature updates, downtime alerts).
- Download reports of user activity, feedback logs, and swap stats.

Mockup - <https://link.excalidraw.com/l/65VNwvy7c4X/8bM86GXnnUN>