Group project – (SkillSwap – A Skill Sharing Platform)

You will build a Django web platform called **SkillSwap**, where users can create profiles and either:

- Offer a skill (e.g., guitar lessons, cooking, Python help)

- Request a skill (e.g., looking for someone to teach French or yoga).

Users can **browse skills**, contact other users through a **basic messaging feature**, and **rate/review** each other after a session.

This project will cover Models,Views,Templates,Forms and User Authentication basically all of the stuff we have done so far.

Core Features (MVT Focused)

1. User Authentication

- Signup/login/logout

- Profile creation and editing (skills offered / needed)

2. Skill Listings

- Users can post a skill they offer or request

- Each skill has a title, category, description, availability, location (if needed)

3. Search/Browse

- See all skills (filter by type/category)

- View detail page of each listing

4. Contact/Request

- Users can click "Contact" → basic messaging (or simulated form-based messaging)

5. Reviews/Ratings

- After a session, users can leave a 1–5 star rating and short review

Optional Features:

- Profile pictures

- Admin dashboard

- Skill categories/tags

Git & GitHub Setup

Each group should:

1. **Create a GitHub repository** (one repo per group)

2. **Invite all team members** as collaborators

3. Set up a proper **branching strategy**:

> **main**: for working, stable version
>
> **dev**: for ongoing development
>
> **feature/xyz:** for individual tasks (features, bugfixes)

README Requirements (for GitHub repo)

Students should write a clean and clear README.md including:

- Project title and description

- Team members

- Features implemented

- Tech stack (Django, Bootstrap, etc.)

- How to install & run the project locally

- Screenshots (optional)

- Link to Trello board

Agile and Scrum Setup

Week Overview **(8 Days)**

Day 1   Sprint Planning: Define MVP features, Trello board setup, assign roles

Day 2-6 Daily stand-ups

Day 3   Internal group demo checkpoint

Day 6   Freeze new features, start polishing UI, debugging

Day 7   Final sprint – prepare presentation, write README, finalize code

Day 8   Demo Day! Group presentations (30 min each)

Presentation Requirements

Each group does a **30-minute presentation** covering:

- What is the project about? Who is the target audience?

- Live demo of the application

- Technical walkthrough: models, key views, templates, challenges

- Scrum/Trello board demo: how you organized your work

- What went well / what could be improved

- Every student must present (can split into small sections)

    Good luck! 😊