

# SkillMatch AI - Hackathon Project Plan

## Project Proposal

Project Proposal: SkillMatch AI - Internal Talent Matchmaking

Problem:

Enterprises often overlook internal talent. Employees possess skills beyond their job title, but there's no efficient way to match them with internal projects or mentors.

Solution:

SkillMatch AI is an enterprise app that allows employees to tag their hidden skills. AI then semantically matches them with open projects, roles, or potential mentors.

Key Features:

- Skill tagging via a user-friendly Power App
- AI Builder recommends matches using semantic logic
- Swipe-style interface for selecting opportunities
- Mentorship and project application flows via Power Automate
- Copilot-style explanation of why a match was made

Microsoft Tools Used:

- Power Apps
- AI Builder
- Dataverse
- Power Automate

## 8-Day Plan & Task Distribution

8-Day Project Schedule

Team Roles:

- Member 1 (Design): UX/UI Design in Figma + Power Apps UI layout
- Member 2 (Backend + AI): AI Builder, Dataverse modeling, Match logic
- Member 3 (Automation + Copilot UX): Power Automate flows, Copilot explanation, integration testing

#### Day-by-Day Plan:

##### Day 1: Brainstorm & Setup

- Finalize feature list and flow
- Assign tasks, connect tools (Power Apps, Dataverse)
- Design wireframes (Member 1)

##### Day 2: UI + Data Model

- Build Power App screens (Member 1)
- Design Dataverse tables: Users, Skills, Projects, Matches (Member 2)
- Research semantic matching with AI Builder (Member 2)

##### Day 3: Skill Input + Swipe Matching UI

- Implement skill tagging interface (Member 1)
- Create dummy projects/mentors data (Member 3)
- Set up swipe-like UX (Member 1)

##### Day 4: AI Match Logic

- Configure AI Builder model for skill-to-project matching (Member 2)
- Create Power Automate to notify user of match (Member 3)
- Test different scenarios

##### Day 5: Mentorship + Approval Flows

- Build mentor request form (Member 1)
- Add Power Automate flow for approval (Member 3)
- Polish skill/project UI (Member 1)

##### Day 6: Copilot Explanation

- Add Copilot-like GPT prompt that explains why a match was made (Member 3)

- Test user input/output flows

#### Day 7: Final Integration & Testing

- Connect everything: UI + logic + flows (All)
- Debug and test entire flow
- Prepare for demo

#### Day 8: Polish + Presentation

- Final UI touch-ups (Member 1)
- Record demo video and screenshots (All)
- Prepare presentation slides (All)

#### Topics to Learn (if needed):

- Power Apps UI basics
- AI Builder model setup (semantic matching)
- Power Automate flows
- Dataverse structure & connections