

SOFTWARE DEVELOPMENT BASIC.

Programing Design Layout:

Description:

A smart platform that bridges Filipino job seekers with German employers.

Core Concept:

A web and mobile app that acts as a job-matching and career-preparation hub for Filipinos aspiring to work in Germany. It combines job search, skill matching, visa guidance, and cultural preparation in one platform.

Features:

1. **AI-Powered Job Matching**
Users create a profile with skills, work experience, and language level. System matches them with German job listings (IT, healthcare, engineering, hospitality).
2. **Visa & Migration Guidance**
Step-by-step guides for work visas (Blue Card, Skilled Worker Visa, Nursing programs, etc.). Checklists for required documents. Integration with German embassy updates for requirements.
3. **Language & Culture Integration**
Built-in German language practice tool (basic phrases, interview prep).
4. **Skill Upgrade & Certification Hub**
Links to partner e-learning platforms (Udemy, Coursera, or local training centers). Tracks progress and suggests certifications recognized in Germany.
5. **Recruiter & Employer Access**
Verified German employers can post job openings. Direct communication via in-app chat or video interview scheduler.
6. **Community & Mentorship**
Forum where Filipino workers already in Germany can mentor new seekers. Peer-to-peer support group for relocation tips.

Models with Migration + Factory:

JobSeeker Table

- Fields: *id, name, email, skills, experience, language_level*
- Fake data: random Filipino names, skills (IT, nursing, engineering), language level (A1–C1).

Job Table

- Fields: *id, title, company, location, requirements, visasupport, salaryrange*
- Fake data: German job postings (e.g., "Software Engineer – Berlin").

Application Table (pivot model between JobSeeker and Job)

- Fields: *job_seeker_id, job_id, status (applied, interview, hired)*
- Fake data: random applications.