



FAKULTI KECERDASAN BUATAN DAN KESELAMATAN SIBER

SESSION – 1 25/26

Bachelors Of Artificial Intelligence with Honor (BAXI)

Artificial Intelligence Project Manager

(BAXI 3533)

(S3G2)

NAME	MATRIX NUMBER
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Project Scope Document: Job MatchMaking System

1. Objectives

This project aims to develop an intelligent AI-powered platform that efficiently connects IT job seekers with employers. Key objectives include:

- To automate the CV parsing and skill extraction process with over 90% accuracy.
- To develop a robust AI matching algorithm that suggests the top 3 most suitable job roles for a candidate with over 80% precision.
- To build a user-friendly web dashboard for both job seekers and employers to view matches, insights, and analytics.
- To reduce the average hiring cycle time by streamlining the initial screening and matching process.

2. Deliverables

The tangible outputs of this project will be:

- A functional web application (Frontend & Backend)
- Trained Machine Learning Models (OCR, NLP, Recommendation Engine)
- A project report and final presentation
- A complete dataset of processed CVs and job listings (anonymized)
- System documentation and user manuals

3. Stakeholders

Primary Users: IT Job Seekers and IT Companies/Recruiters

- Project Team:

- Project Manager: Muhammad Farouk Bin Mahmud
- AI Developer (OCR & NLP): Tee Kai En
- AI Developer (Matching Algorithm): Tee Kai En, Muhammad Aiman Bin Razak
- Frontend Developer: Muhammad Aiman Bin Razak

- Backend Developer: Muhammad Aiman Bin Razak
- QA & Tester: Tee Kai En
- Supervisor: Dr. Farhan Khan
- Client/Focus Group: UTEM Students & Faculty (for testing & feedback)

4. Tools & Integration

- Scheduling & Planning: Microsoft Project / Excel
- Version Control & Collaboration: GitHub
- Communication & File Sharing: MS Teams
- Development: Python (Flask, Scikit-learn, SpaCy), JavaScript (React), Firebase
- Design & Diagramming: Miro / Lucidchart

Reflection – Week 03

1. What was the most challenging part of building the schedule?
 - Defining accurate task durations and dependencies in the project schedule.
2. How did GitHub and Teams support your collaboration?
 - GitHub kept our files organized, and Teams made communication and feedback easy.
3. What tasks will you refine next week?
 - Adjust project timelines and start dataset preparation for AI model training.