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**FACULTY OF COMPUTING AND INFORMATICS**

# FINAL YEAR PROJECT TITLE REQUISITION

## Project Information

The students shall complete this section.

Program Name: ☐ DIT

Subject Name: FlexWaves

Project Title: Flexwaves Gig Job Platforms: Empowering flexible employment in Malaysia

| Student(s) Name | Student(s) ID | Contact Number | Email |
|---|---|---|---|
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**Objectives of the Project**:

- **To increase job market availability**

  FlexWaves aims to enhance the accessibility of the job market by facilitating the connection between job seekers and a wide array of gig job opportunities, hence expanding the availability of work to a more diversified group of persons.

- **To reduce underemployment**

  Increasing job availability may reduce the unemployment issue nowadays. The platform matches job seekers with part-time and gig positions that use their abilities and schedules more effectively.

- **To improve employability**

  To increase the job marketability of its customers by providing possibilities for skill development and practical work experience through gig jobs.

- **To reduce the time-consuming recruitment process**

  Traditionally, job seekers usually have a lengthy recruitment process. By offering a platform that makes candidate sourcing, evaluation, and selection simple, FlexWaves is determined to speed up and simplify the hiring process for organisations, ultimately saving time and money.

**Target User**:

1.  **SPM leavers**

    Sijil Pelajaran Malaysia (SPM) graduates frequently find themselves at the turning point of their lives as they navigate their way from secondary education to adulthood. A significant portion of individuals have a strong desire to begin generating financial resources and get hands-on professional experience.

2.  **Graduate**

    Graduates frequently encounter challenges as they move from the academic to the work environment. FlexWaves can be a beneficial tool for recent graduates seeking hands-on work experience, enhancing their prospects when seeking permanent employment within their respective industries.

3.  **Job seekers**

    The economic crisis can generate a sense of worry regarding the future, causing job seekers to be concerned about their long-term career prospects. Numerous individuals are eager to secure long-term employment to withstand the economic storm. With increased demand in some industries (such as e-commerce and healthcare) and lower demand in others, the pandemic also expedited changes in the labour market. Job candidates were required to adapt rapidly to these changes.

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**Scopes of the Project**:

The users can see the job listing on the main page. However, they need to register first before being able to select the job. Upon registering, the users can use more features such as the profile, track their job applications and message the organisation. After selecting the job, the organisation will approve it before users can go to the job. Upon completing the jobs, they must receive approval from the organisation before receiving the corresponding amount credited into their account. Like any other platform, it has its drawbacks. The platform listing and services will only be limited to Malaysia. The availability of jobs also depends on the market. It may vary based on the demand and the organisation to use the platform.

**Project Requirements**:

| | |
|---|---|
| Software: | Windows operating system, Visual Studio Code, MySQL |
| Hardware: | Central Processing Unit(CPU)-Ryzen 3 3200G, RAM-8GB 3000MHz, Storage-Kingston A400 128GB, Motherboard-MSI A320M-A, Monitor-Asus VZ24EHE, Keyboard and mouse. |

**Problem Statement**:

**Objective:**

To increase job market availability.

**Problem Statement:**

In the current job market, limited job availability poses a significant challenge, resulting in a lack of chances for job applicants, particularly those seeking part-time or flexible work. Due to the shortage of job openings that align with their skills, schedules, and preferences, many individuals find it difficult to obtain suitable employment.

**Objective:**

To reduce underemployment.

**Problem Statement:**

Unemployed is a recurring problem in which people work in positions that do not fully utilise their talents, credentials, or availability. This issue emerges due to a shortage of accessible, part-time, or gig employment possibilities that allow individuals to find work that matches their skill set and provides enough hours to sustain their lives.

**Objective:**

To improve employability.

**Problem Statement:**

Improving their employability is a significant obstacle for job seekers, specifically recent graduates and individuals with limited work experience. Traditional job-seeking strategies rarely provide opportunities for skill development, leaving job seekers less competitive in the job market. An insufficient number of platforms that facilitate skill-building opportunities through real-world work experiences causes this problem.

**Objective:**

To reduce the time-consuming recruitment process.

**Problem Statement:**

The business recruitment process can be overly time-consuming, delaying the appointment of important positions. Traditional hiring methods comprise lengthy processes such as job posting, resume screening, interviews, and reference checks. This inefficiency can lead to extended job vacancies, higher operational costs, and a competitive disadvantage in the job market.

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**Type of Project**:

[ x ]    Web based System / Stand alone System

[   ]    Mobile Application

[   ]    Multimedia Based System

**Declaration**:

Group Leader Name:    Muhammad Fitri Bin Yusa'

.......................................................        11/10/2023
**Group Leader Signature**        **Date**

## Supervisor Declaration

The Supervisor shall complete this section.

**I agree to be the supervisor for these students under aforesaid proposed project.**

Supervisor Name:

.......................................................        .......................................................
**Supervisor Signature**        **Date**