



SECD2523 - Database

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## **System Documentation (SD)**

GetMe Hired (CV generator website) Talent  
System

**< Proposal >**

Group : Rotten Banana

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# **1.0 Introduction**

In an era where the job market is fiercely competitive, the transition from academic institutions to professional careers is a crucial juncture for fresh graduates. GetMe Hired, a pioneering CV generator website, has played a pivotal role in connecting fresh graduates with prospective employers. Recognizing the ever-growing demand for efficient career services, GetMe Hired has emerged as a bridge, facilitating the exchange between job seekers and companies seeking talent. By offering dynamic templates and personalized guidance, the platform has successfully assisted countless graduates in crafting compelling resumes that stand out in the competitive job market.

GetMe Hired has been dedicated to empowering young professionals by providing an innovative CV generator service. However, as the demand for GetMe Hired's services has surged, reflecting a growing reliance on digital solutions for career advancement, the company has encountered challenges in managing the increasing volume of CVs. This challenge is particularly pronounced during peak recruitment seasons when the demand for their CV template services skyrockets. The existing operational framework, a hybrid of automated and manual processes, has exhibited certain limitations, notably in the manual verification phase, where a one-to-one correspondence between staff and CVs has led to inefficiencies and potential bottlenecks.

Our mission is to help the company in improving the system by making enhancement and optimization to the current system. We are seeking the best and most efficient way to overcome the challenges that faced by GetMe Hired company so that the business runs well and can grow as time goes by. In this proposal, we will provide our plans for the development of the current system in GetMe Hired company, which is not satisfactory from our perspective as a client or owner.

## **2.0 Background Study**

GetMe Hired operates on a model that caters to two primary user groups: fresh graduates seeking employment opportunities and companies in search of qualified candidates. GetMe Hired has successfully carved a niche for itself in the industry by facilitating the creation of compelling CVs for fresh graduates. The process involves users registering on the platform, selecting from various service packages, and utilizing dynamic CV templates provided by the company. The completed CVs are then manually reviewed by GetMe Hired staff to ensure accuracy and completeness before being stored in the company's database. The CVs are subsequently made visible to career hunters from collaborating companies, allowing for a direct link between talent and opportunity.

The manual verification process, while maintaining quality, has presented challenges, particularly during peak recruitment seasons. The existing workflow, a blend of automation and manual intervention, has proven to be a bottleneck, leading to a strain on available manpower. This one-to-one verification process has become a limitation, causing delays and queues in processing CV requests. This not only affects the efficiency of the service but also impacts the timely engagement of talented individuals with prospective employers.

In light of these challenges, GetMe Hired envisions an evolution in its system - the GetMe Hired Talent System. This proposed system aims to enhance and optimize the existing processes, introducing efficiencies that will address the limitations of the current workflow. The proposed system will leverage advanced technologies to automate certain aspects of CV verification, reducing the burden on manual processes and ensuring timely delivery of services even during peak periods. Through these enhancements, GetMe Hired aims to maintain its commitment to bridging the gap between fresh talent and career opportunities, providing a more responsive and effective service to both users and collaborating companies. The objective is to create a seamless experience and ensure a swift and effective match-making process in the dynamic landscape of job placement.

As we delve into the details of the proposal, our focus will be on implementing solutions that blend automation with a human touch, ensuring the maintenance of high-quality standards in CV generation and verification while significantly reducing processing times. The GetMe Hired Talent System aims to redefine the future of career services, providing an innovative and responsive platform that meets the evolving needs of both job seekers and employers.

## **3.0 Problem Statement**

After our discussion about the enhancements to do with the GetMeHired Talent System, these are some problems that we found on it and which we will should focus on to solve:

### 6. CV Quantity Management

- During peak recruitment seasons, the system's capacity may not be able to handle a large number of CVs efficiently.

### 7. User Engagement:

- The request by the users must follow the orders. This will affect some of the talented individuals who may not engage on time with the potential employers.

### 8. Quality Maintenance:

- Due to the quality of orders increasing, the workers may not be able to ensure the quality of the CV due to wanting to increase the speed of processing.

### 9. Feedback Mechanism:

- The users want to comment or adjust about the CV template but there are not enough workers to get their feedback and do adjustment.

### 10. Scalability Issues:

- The existing operational framework is struggling to scale with the demand of creating CV template while it is increasing

These are the main problems that should be solved as soon as possible to make sure the GetMeHired talent system can be enhanced and carry out the service more efficiently and effectively.

## **4.0 Proposed Solution**

After found out all of the existing problems about the system, we gathered the informations about the website and the user data and these are the solutions we purpose to make based on three feasibility which is technical, operational and economic:

About the technical feasibility, we would prefer to upgrade and update the current system based on the most requirements of the users. We would focus on filtering and saving the time to screening all the same types of templates can recategorize it so it will be easier and save time to produce a quality CV.

Operational feasibility is based on which enhancements should be done and analyze whether it will impact the work flow of the system or not. We need to ensure that changes can be followed based on the day to day operation of the system. Besides, we also need to come along with the response of users so that the system and website can operate smoothly and for a longer time.

Economic feasibility is about calculating cost-benefit and analyzing the investment of implementation is worthy for the result. To determine the financial feasibility of the enhancements, we need to compare each type of implementation is suitable and under budget given.

Technical Feasibility:

### **1. CV Quantity Management:**

- **Solution:** Automating the implementation process of CV parsing and initial screening and categorizing the users based on their requirements so the workers can undergo the process instantly without wasting time for filtering. Besides, any upgrades or changes needed will be undergone after approval by the development group.

### Operational Feasibility:

#### 1. User Engagement:

- Solution: Enhance the user experience by adding the communication system by implementing real-time status updates for CV processing. The estimated time should be shown so the user can estimate their time to do an interview with their potential employers.

#### 2. Feedback Mechanism:

- Solution: Developing a feedback system for the users to comment and suggest their opinion to our system. All the feedback collected can be filtered into different parts based on which part is related to enhancing the system.

### Economic Feasibility:

#### 1. Scalability Issues:

- Solution: Invest in scalable infrastructure and cloud systems to make sure the system can collect the latest data and information without delaying other processes. Implement load balancing and auto-scaling may help to ensure the quality of the services maintained during high demand time.

#### 2. Quality Maintenance:

- Solution: Implement AI-driven quality check during the creating and verification phases. Making rules and quality control guidelines for AI to make sure the quality of CV is maintained and save time for checking grammar or personal info errors.

These are the solutions to the problems that we discussed based on three feasibility listed. After thinking out the solutions, we need to decide our goals and scopes to ensure all the enhancements are progressing in the right way and solving the problems of the system.

## **5.0 Objectives**

- To help the GetMe Hired System to manage the user's data effectively.
- To provide a communication system that can update the status of the CV automatically.
- To handle increasing data and information demands.
- To design a user-friendly feedback system.
- To improve quality services provided to users.

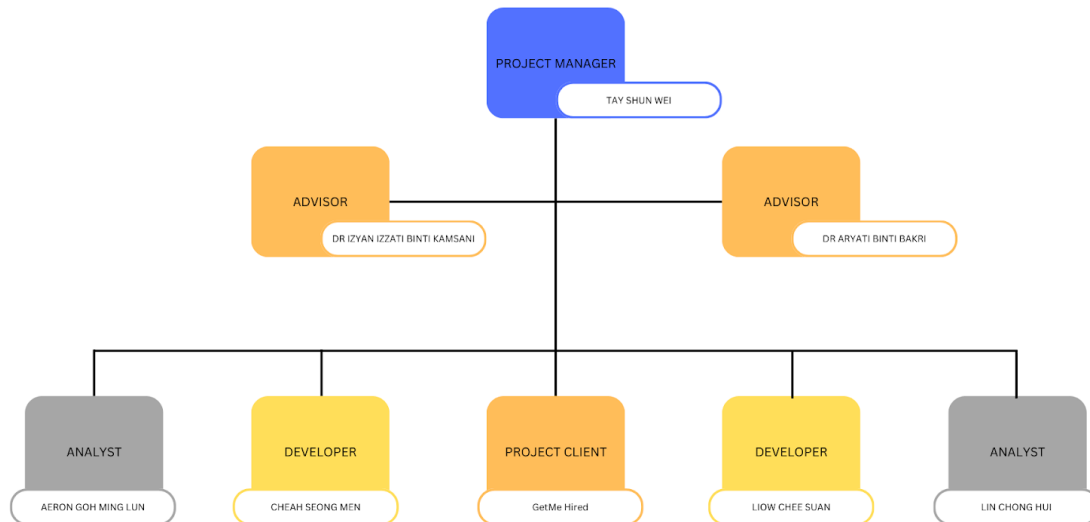
## **6.0 Scope**

The Scope of the project is to enhance the system services provided to users. This can increase the customer experience and improve their business operations. First, we will strengthen Get Me Hired system management. This allows the system to manage the user's data effectively and automatically. Second, we will provide a communication system. This allows the user to obtain the CV automatically. Third, we will increase the storage of the database. This allows the system to store more user data, information and different template types for the CV. Fourth, we will provide a feedback system. This allows us to understand the needs of the user by collecting their suggestions. Fifth, we can provide better services by involving AI techniques. This prevents simple errors and reduces manpower.

By following the enhancement above, We will spend time and effort to achieve the scope by creating a high-quality, reliable, and maintainable system.

## 7.0 Project Planning

### 7.1 Human Resource

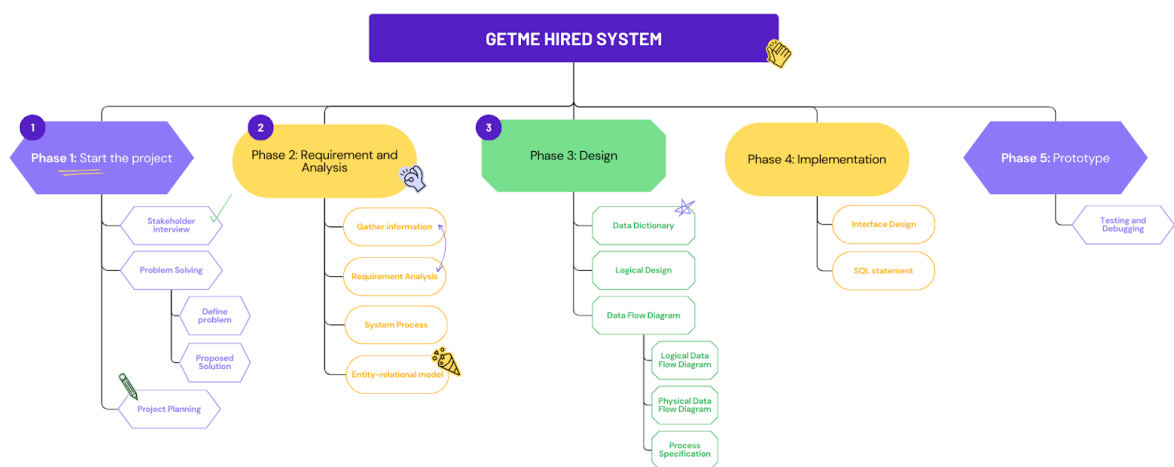


ROLE	PERSON IN CHARGE	RESPONSIBILITY
PROJECT MANAGER	TAY SHUN WEI	<ul style="list-style-type: none"><li>Plan project</li><li>Monitor project progress</li><li>Manage the task for each member</li><li>Make discussion and connection between member and project client</li></ul>
ADVISOR	<ul style="list-style-type: none"><li>DR IZYAN IZZATI BINTI KAMSANI</li><li>DR ARYATI BINTI BAKRI</li></ul>	<ul style="list-style-type: none"><li>Give advice about the project progress</li><li>Check the progress of the project</li></ul>
ANALYST	<ol style="list-style-type: none"><li>AERON GOH MING LUN</li><li>LIN CHONG HUI</li></ol>	<ul style="list-style-type: none"><li>Analysis project</li><li>Manage data</li><li>Fix problem</li></ul>

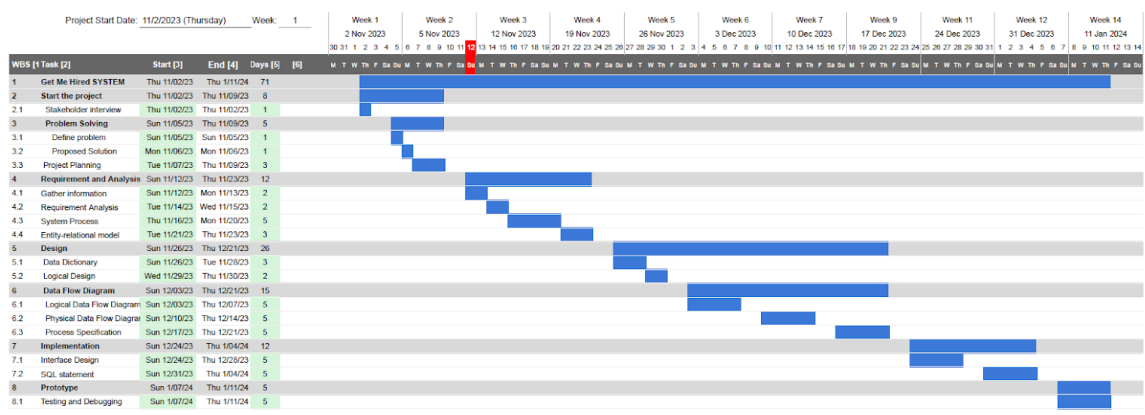


<b>DEVELOPER</b>	<ol style="list-style-type: none"> <li>CHEAH SEONG MEN</li> <li>LIOW CHEE SUAN</li> </ol>	<ul style="list-style-type: none"> <li>Develop data</li> <li>Test data</li> <li>Fix Problem</li> </ul>
<b>PROJECT CLIENT</b>	GetMe Hired	<ul style="list-style-type: none"> <li>Provide business information and requirement</li> </ul>

## 7.2 Work Breakdown Structure (WBS)



## 7.3 Gantt chart



## **8.0 Requirement Analysis**

### **1. User Registration / Login**

- a. **Current State :** Users register/login on the platform to create CVs
- b. **Challenge :** users face difficulties in the registration/login process due to unclear instructions.
- c. **Requirement :** Enhance the user registration/login process to be more intuitive and user-friendly, minimizing any potential confusion during the verification step.

### **2. Service Package Selection**

- a. **Current State :** Users choose service packages and pay for CV creation.
- b. **Challenge :** Limited flexibility in package customization; users desire more personalized options.
- c. **Requirement :** Provide users with more flexibility in customizing service packages to better meet individual needs. Consider introducing tiered packages or add-on options.

### **3. CV Template Usage**

- a. **Current State :** Users utilize a fixed CV template provided by GetMe Hired
- b. **Challenge :** Limited template variety, users request more industry-specific templates. Users cannot customize their CV and only fill in the information following the provided template.
- c. **Requirement :** Expand the variety of dynamic CV templates to cater to a broader range of industries and professions. Consider inuser feedback into template design.

### **4. Manual CV Review**

- a. **Current State :** GetMe Hired staff manually review CVs for accuracy.
- b. **Challenge :** During peak seasons, manual verification leads to delays and inefficiencies.
- c. **Requirement :** Implement an automated pre-screening process to reduce the manual workload during peak seasons. Utilize technology for basic verification, reserving manual reviews for complex cases.

### **5. Communication Workflow**

- a. **Current State :** User communicate with staff through Whatsapp

- b. **Challenge :** Communication workflow relies heavily on manual interactions for reviewing and providing feedback on user-submitted CVs.
- c. **Requirement :** Enhance communication channels between staff and users. Implement a system for timely feedback to users on their CV status and any required revisions. Implement an automated communication system that integrates with the CV review process. The system should provide real-time updates to users on the status of their CV submissions and any required revisions.

## 6. Database Storage

- a. **Current State :** Completed CVs are stored in the database.
- b. **Challenge :** Scalability challenges with redundant data and potential integrity issues. The current structure risks performance bottlenecks and inefficiencies.
- c. **Requirement :** Implement a scalable and optimized database structure that efficiently handles growing volumes of CVs. Address redundancy through data deduplication processes, ensuring storage space efficiency. Implement robust data integrity checks and maintenance routines to prevent issues that could compromise the accuracy and reliability of stored CV information.

## 8.1 Current Business Process

### 1. User Registration

- a. **Scenario :** New users visit the GetMe Hired platform to register.
- b. **Workflow :**
  - i. Users fill in registration forms with personal details.
  - ii. Verification emails are sent to confirm user identity.
  - iii. Confirmed users gain access to the platform.

### 2. Service Package Selection

- a. **Scenario :** Users choose service packages for CV creation.
- b. **Workflow :**
  - i. Users browse available service packages.
  - ii. Users select a package based on their needs.
  - iii. Payment is processed, and users gain access to CV creation tools.

### 3. CV Template Usage

- a. **Scenario :** Users utilize provided CV templates.
- b. **Workflow :**
  - i. Users receive a provided template.

- ii. Users fill the relevant information into the template.
- iii. Completed CVs are saved for further processing.

#### 4. Manual CV Review

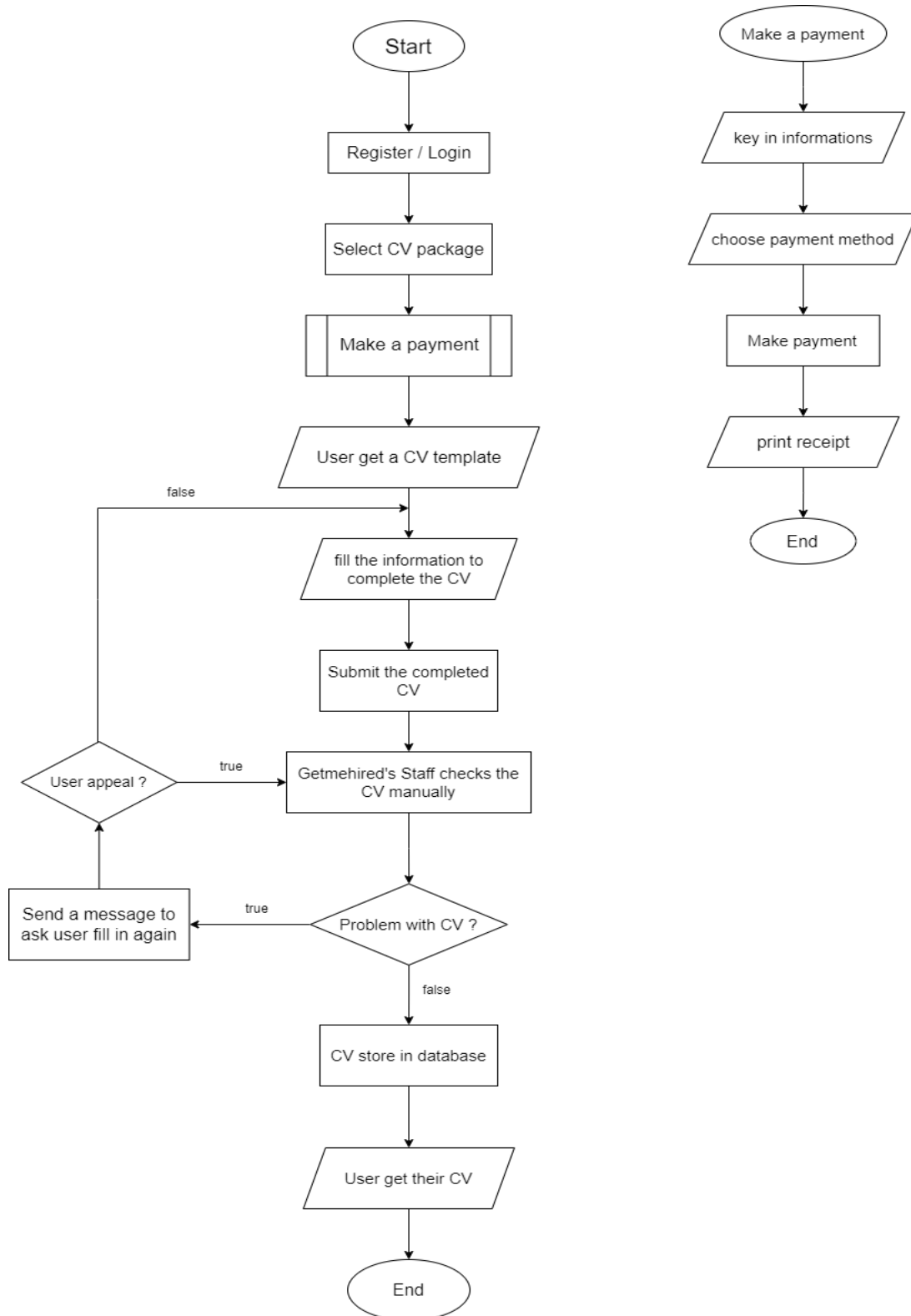
- a. **Scenario :** GetMe Hired staff manually review CVs.
- b. **Workflow :**
  - i. Staff members access the submitted CVs.
  - ii. Each CV is individually reviewed for accuracy and completeness.
  - iii. Feedback is provided to users, and approved CVs are stored.

#### 5. Database Storage

- a. **Scenario :** Completed CVs are stored in the database.
- b. **Workflow :**
  - i. Approved CVs are organized and stored in the database.
  - ii. The database serves as a repository for CVs accessible during collaboration with companies.

#### 6. Communication Workflow

- a. **Scenario :** Users with questions or feedback need to contact the GetMe Hired staff
- b. **Workflow :**
  - i. Users get GetMe Hired staff's Whatsapp contact number.
  - ii. Users ask questions or give their feedback to staff through Whatsapp.
  - iii. Staff answer the question through Whatsapp.



(A flowchart that briefly outlines the current system workflow)

## **9.0 Transaction Requirement**

### **- Data Entry**

#### **❖ User registration / Login**

- Users should be able to register/login easily with clear instructions. The system must capture and store user details securely.

#### **❖ Service Package Selection**

- Enhance the platform to allow users more flexibility in customizing service packages based on their specific needs.

#### **❖ CV Template Usage**

- Expand the variety of dynamic CV templates available to users, including industry-specific templates.

### **- Data Update / Delete**

#### **❖ CV Update**

- Users should have the ability to update their CVs with the latest information, ensuring the system reflects their current qualifications and experiences.

#### **❖ Service Package Modification**

- Allow users to modify their selected service packages to accommodate changing needs or career goals.

### **- Data Queries**

#### **❖ CV Retrieval**

- Implement an efficient database retrieval system to ensure quick and accurate access to CVs during the collaboration phase with prospective employers.

#### **❖ User Query Histroy**

- Develop a feature that allows users to track the history of their interactions and queries on the platform, providing transparency and accountability.

#### **❖ Talent Search Analysis**

- Introduce analytics tools to provide talent hunters with insights into the effectiveness of their talent searches, allowing for continuous improvement in their recruitment strategies.

## **10.0 Benefit and Summary of Proposed System**

The benefits of the proposed system are listed below:

1. **Streamlined CV Creation:** The platform offers a user-friendly experience, allowing fresh graduates to create professional resumes easily. It provides meticulously crafted templates that assist users in presenting their skills and qualifications in a standardized and appealing format.
2. **Personalized Guidance:** GetMe Hired offers personalized guidance throughout the CV creation. This ensures that users can highlight their strengths and achievements effectively, increasing their chances of standing out in the competitive job market.
3. **Quality Assurance:** The manual scrutiny process by GetMe Hired staff ensures that each CV meets the highest standards. This quality assurance step is crucial in maintaining the credibility of the platform and ensuring that companies receive well-prepared and reliable resumes.
4. **Efficient Matchmaking:** For companies, GetMe Hired serves as a valuable resource for finding qualified candidates efficiently. The platform's structured approach to CV creation and verification streamlines the hiring process, saving time and resources for companies seeking talent.
5. **Innovative Solutions:** The envisioned GetMe Hired Talent System aims to introduce automation and optimize existing processes, addressing the challenges associated with peak recruitment seasons. This innovation is geared towards enhancing overall efficiency and responsiveness.
6. **Time Savings:** By providing a platform that guides users through the CV creation process and automating certain aspects of verification, GetMe Hired can significantly reduce the time required for both job seekers and companies to navigate the hiring process.
7. **Career Advancement:** For fresh graduates, GetMe Hired acts as a bridge between academic life and professional careers. The platform not only helps in securing job opportunities but also aids in presenting graduates in the best possible light to potential employers, facilitating career advancement.
8. **Responsive to Market Trends:** The commitment to evolving into the GetMe Hired Talent System shows an awareness of market trends and a dedication to staying at the forefront of technological advancements in the field of career services.

GetMe Hired is revolutionizing the job market transition for fresh graduates with its user-friendly platform. Our meticulously crafted templates empower users to create professional resumes effortlessly, presenting their skills and qualifications in a standardized

and appealing format. With a commitment to quality, our manual verification process ensures that each resume meets the highest standards. As we envision the GetMe Hired, we aim to introduce innovative solutions, blending automation with a human touch, to streamline processes and redefine the future of career services.



## **11.0 Summary**

The proposed enhancements to GetMe Hired are strategically designed to overcome the identified challenges in the existing operational framework. The issues encompass CV quantity management, user engagement, quality maintenance, feedback mechanisms, and scalability concerns during peak recruitment seasons. The solutions outlined in the proposal aim to seamlessly address each of these problems, ensuring a more efficient and user-friendly platform.

By implementing these solutions, GetMe Hired is expected to operate with increased efficacy, attracting a higher number of users. The platform offers significant advantages to both users and companies, streamlining the hiring process for fresh graduates and enabling companies to efficiently recruit candidates that align with their specific requirements through the GetMeHired platform.

This proposal not only seeks to resolve current issues but also anticipates a positive impact on user satisfaction and overall platform performance. With these enhancements, GetMe Hired is positioned to continue providing valuable services to both job seekers and companies, fostering a more seamless connection between talented individuals and prospective employers in the dynamic job market.