COURSE NAME: ITECH\_3208 PROJECT-1

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| PRODUCT BACKLOG  DOCUMENT |

A close up of a logo

Description automatically generated

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| GROUP 3  JOB POSTING API |

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**Product Backlog**

The idea behind this project is to have an API, commonly known as Application Programming Interface, for a boutique recruitment company named MACS TECHNOLOGY. Furthermore, this project aims to have MACS TECHNOLOGY with an API that can post jobs in LinkedIn through MACS TECHNOLOGY APPLICATION itself. The project scope is to design a system that would ensure that the developed system can be scaled for future enhancements and cloud solutions. The portal is also expected to be utilized by MACS job distribution tool.

This product backlog depicts diverse functional requirements that should be satisfied so as to finish the product/item. The necessities have been organized as high, medium and low for the forthcoming sprints. The functional requirements are partitioned into various sprints and toward the finish of each run the item proprietor is shown the demos of the product’s 'working' parts or sections.

The product owner/proprietor updates/revises the product backlog and reprioritize the next sprint development. The process is repeated time to time until the project comes to an end successfully or as desired.

# **Definitions**

Some of the definition that are used in the project are:

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| API | Application Programming Interface  (a set of functions and procedures allowing the creation of applications that access the features or data of an operating system, application, or other service) |
| ATS | Applicant Tracking System  (A software application that enables the electronic handling of recruitment and hiring needs from receiving resumes to hiring employees) |
| Boutique | A business or establishment |
| Recruitment | The action of enlisting new people in the group of people with common goals |
| Stakeholder | A person with an interest or concern in something, especially a business. |
| LinkedIn | An employment-oriented online service that operates via websites and mobile apps |
| Recruiter | A person whose job is to enlist or enrol people as employees, in the armed forces, or as members of an organization |
| Talent acquisition | The process of attracting, finding and hiring skilled human labour for organizational needs in order to meet labour requirements. |
| Backlog | An accumulation of uncompleted work or matters needing to be dealt with. |
| Prioritize | To arrange things in an order of importance |
| Sprint | A set period of time during which specific tasks must be completed |
| Utilizes | Make practical and effective use of. |
| Portal | A website or web page providing access or links to other sites |

# **Users**

The users of the project are listed below:

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| **User:** A member who is not logged in to the website but wishes to use it. E.g. for job searching |
| **Administrative member:** An administrative member is a person responsible for maintaining the administrative work of the website. |
| **The head of Talent Acquisition:** The head of Talent Acquisition is a person who approves all the work and fills the job position. |

# **Product Backlog Items**

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| ID | Requirement | Priority | Condition of Satisfaction |
| US 1 | As a user, I want to browse jobs available, so that I can see the jobs to apply for. | High | When logged in, jobs are displayed. |
| US 2 | As a user, I want to choose a location, so that I can view the most convenient one. | Medium | When selected, locations are viewed. |
| US 3 | As a user, I want to select the job category, so as to see offers in my field of expertise. | Medium | Job categories are listed when selected. |
| US 4 | As a user, I want to view all the job types, so that I can select the suitable contract type. | High | When selected on the required job type, the related ones are showed up. |
| US 5 | As a user, I want to know about MACS INDUSTRIES and their SUCCESS STORIES, so that I can know about their reputation to trust the portal. | Medium | Industries and their success stories are listed that are supported by MACS when selected. |
| US 6 | As a user, I want to look up into LinkedIn, so that I can search jobs. | High | When looked up at LinkedIn for jobs available, the list appears. |
| US 7 | As an Administrative Member, I want to use the Macs (ATS) system, so that it can be scaled for future enhancements | High | System will keep on updating including all new features and improving its errors. |
| US 8 | As an Administrative Member, I want to use Macs ATS system for cloud solution. | High | The data is constantly saved and uploaded in the cloud for storage. |
| US 9 | As an administrative Member, I want to use ATS system so that I can post jobs automatically to LinkedIn | High | The system is automatically posting the job description on LinkedIn once the system has received the description. |
| US 10 | As an administrative Member, I want to use an API system of ATS so that I can post a job to various sites at one time. | Medium | ATS system is linked with different job sites |
| US 11 | As an administrative Member, I want to use the system to remember my Id or password so that I don’t have to login every time I visit the website | Medium | When the member login for the first time the system will send a notification to remember the id and password |
| US 12 | As an administrative Member, I want API system which has swagger specification so that I can understand it easily. | Medium | API description format is provided in the system in an English language |
| US 13 | As an administrative Member, I want API system, so that I can utilize MACS job distribution tool. | High | Job distribution tools can be easily available when working on the system. |
| US 14 | As the head of Talent Acquisition, I want to log into the site, so that I can get option as view application. | High | When you logged into the site, you get option as view application. |
| US 15 | As the head of Talent Acquisition, I want to track the application. | Medium | When selected to track, the application stage is shown. |
| US 16 | As the head of talent acquisition, I want to review the application, so that I can evaluate the required experience. | High | When application is selected, it is displayed. |
| US 17 | As the head of talent acquisition, I want to send applicants automated messages, so that I can let them know their applications have been received | High | An automated message will be sent when the application is reviewed. |
| US 18 | As the head of talent acquisition, I want to give an online test for the applicants. | Medium | Online tests are included when moved on to next stage of hiring. |
| US 19 | As the head of talent acquisition, I want to schedule interviews through the ATS, so that I can manage the hiring efficiently. | High | Schedules are displayed when selected on upcoming interviews. |
| US 20 | As the head of talent acquisition, I want to mail approval/rejection letters through the ATS | High | Approval/rejection letters are sent when a decision is finalized through the API. |