CAPSTONE PROJECT PROPOSAL

Project Team:

1. Jerodin Ariane Danay Tinawin

2. Theong Yee Peng

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5. Ng Kah Kang

Supervisor   : Shee Fui Chie

Title:

Design and Development of an Interactive Joint Education Employability System (iJEES) for INTI International University & Colleges

Abstract:

INTI International University & Colleges is in collaboration with different universities and industry partners, both nationwide and overseas. With its continuous global growth now encompassing the United Kingdom, United States, Australia, China, Italy, and New Zealand, this has led to engagements with people around the world, further directing education and employability within the reach of students. The concept behind this project relates to centralizing education support services and industry partners that are affiliated with INTI under one platform, thereby simplifying users' experience and eliminating the need for additional processes externally.

This project of designing and developing an Interactive Joint Education Employability System (iJEES) aims to serve as a single point of entry or central platform that caters to those who are interested in seeking for education and employability opportunities, locally or internationally. It is responsible for integrating the relevant information and processes required when students wish to progress in their studies or seek for employment directly from INTI's education and industry partners with ease. It also provides internal users a medium where everything is constantly in check and monitored. The presence of this system addresses the issue towards quick access to information and assistance.

iJEES is intended to provide business users such as students, academic counsellors, education agents, education partners and employers the appropriate functions and features when dealing with education and employability services that are being offered. Students are able to view, search, and compare universities or programmes based on their preferences, apply for a selected programme, view Employer Projects

(EPs) posted by employers, as well as apply to any of the EPs, and communicate with academic counsellors and employers. Academic counsellors, education partners, education agents and employers, on the other hand, are able to manage interaction with students, platform content, along with tracking and monitoring service requests. In a nutshell, iJEES, as a one-stop platform, facilitates the reach towards education services and employability opportunities.

No	Objectives:	Date of Completion
1	To perform preliminary data gathering for problem definition and understanding nature of project. **To produce a background study report and identify fact-finding techniques.**	*02/05/21*
2	To conduct a review on existing similar systems today and business users involved to collect relevant information and identify system requirements in detail. **To produce a detailed system requirements specification document.**	*09/05/21*
3	To analyse the problem statement and system requirements specification, along with establishing the project scope. **To produce a System Outline Report.**	*14/05/21*
4	To determine the project development tools and techniques that will be used, as well as securing current resources. **To select and document the most suitable project development tools and techniques.**	*16/05/21*
5	To devise system workflow and logical methods that will be implemented to achieve system functionalities together with designing the user interfaces of the system and finalising system design. **To finalise design models and produce a system design specification report.**	*23/05/21*
6	To develop and produce a prototype based on the system design specification using the selected project development tools and techniques. Client to review system mid-development. **To produce system source code and prototype.**	*25/06/21*
7	To carry out initial testing by developers and perform debugging where necessary, as well as finalising the system development process. **To produce a complete and finalised system.**	*27/06/21*
8	To conduct usability testing of the system involving selected business users and gathering their feedback. **To gather the responses from users and document it in the report.**	*01/07/21*

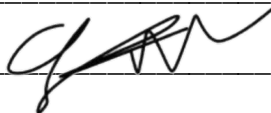| 9	To analyse and evaluate the responses made by users regarding the functions, features, and overall quality of the system. **To produce a report on the analysis of the responses gathered.**	*04/07/21*
10	To identify the possible future enhancements that can be done on the system. **To document the recommendations for future enhancement.**	*05/07/21*
11	To compile and produce the final project report. **To submit the completed and finalized project.**	*07/07/21*

Students' Name and Signature

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Supervisor's signature