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| **Kod Projek:** | **BITU 2913** |

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| UNIVERSITI TEKNIKAL MALAYSIA MELAKA  FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY  WORKSHOP1  **PROPOSAL FORM**  *[Incomplete form will be rejected]*  LOGO UTEM.jpg | |
| **A** | **TITLE OF PROPOSED PROJECT:** e-Tuition Learning System  *Tajuk projek yang dicadangkan :* |
| **B** | **DETAILS OF STUDENT** / *MAKLUMAT PELAJAR* |
| **B(i)** | Name of Student: UMI AMIRA BINTI NORIZAN  *Nama Pelajar:*  Identity card no.: 930112-10-5132  *No. Kad Pengenalan :*  ***No. Matrik Pelajar :*** B031510006  Student matric no.: |
| **B(ii)** | **CorrespondenceAddress :** NO 25, JALAN DABUS 11/2D SEKSYEN 11, SHAH ALAM 40100 SELANGOR D.E  *Alamat Surat Menyurat :* |
| **B(iii)** | **Course:**  *Kursus:*  BITZ  BITM  BITI  BITS  BITE  //////  BITC  BITD |
| **B(iv)** | **Home Telephone No.:- 03-55193285**  *No. Telefon Rumah:*  **Handphone No.: 018-2846012**  *No. Telefon Bimbit:* |
| **B(v)** | **E-mail Address:** *Alamat e-mel:* **b031510006@student.utem.edu.my** |

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| **C** | **PROJECT INFORMATION /** MAKLUMAT PROJEK | |
| **C(i)** | **Duration of this project:**  *Tempoh masa projek ini:*   |  |  |  | | --- | --- | --- | | **Duration**  *Tempoh* | **:**  : | **14 Weeks** | | **From**  *Dari* | **:**  : | **29 February 2016** | | **To**  *Hingga* | **:**  : | **30 May 2016** | |  |  |  | | |
| **C(v)** | **Executive Summary of Project Proposal (maximum 300 words)**  **(Please include the background of project, problem statements, objectives, scope and project significance from the project)**  *Ringkasan Cadangan Eksekutif Projek (maksima 300 patah perkataan)*  *(Meliputi latar belakang projek,penyataan masalah, objektif dan kepentingan projek)*  e-Tuition Learning system is going to be developed as a web-based system that implementing a Parent's Module and Teacher’s, each tuition center allows parents and teachers to login the system. Meanwhile, tuition center can authorize this person to perform their duties as a teacher and parent.  This system provides access log space required before the user can access this system to allowing parent to view their children performance, teacher can key-in and total the student marks or parent and teacher can communicate each other.In order developing this system, PHP, HTML and CSS language was applied. There are three objectives that can be set for this project.  The first objective is aimed at enabling parent and teacher to improve the communication between them so no more misunderstanding information.The second objective is to increase their involvement in student’s education. The third objective is to increase efficiency and improve the services of tuition through better application of technology in daily operations.This three objective have to archive by the developer in order to make sure the system function effectively.  Besides that, this tuition centre also doesn't have a web site that can be used to advertise their education service to the public. This is web site is important to make sure the public people know all about their service and student achievement. The parent of the student cannot view the achievement of their child online if they want to. This system will help facilitate parent and teacher perform their duties as a teacher and parent. | |
| **C(vi)** | **Detailed proposal of project:**  *Cadangan maklumat projek secara terperinci:*  **(a) Project background including Introduction and Problem Statements**  *Keterangan latar belakang projek termasuk pengenalan danpenyataan masalah.*   1. **Introduction**   e-Tuition Learning system is going to be developed as a web-based system that implementing a Parent's Module and Teacher’s, each tuition center allows parents and teachers to login the system. Meanwhile, tuition center can authorize this person to perform their duties as a teacher and parent.  Parent’s Module is the step towards allowing parents to view their childrens performance via web-based system. Parents can view the students' records such as registered class, result (performance of student), outstanding payment, and timetable. The latest promotion info will be shown in parent's module to let the parents know the latest info which being promote from the tuition center. Parents are allowed to communicate with teacher who teach their childrens. By using this module, it will increase the interaction between parents and tuition center, parents can monitor their children's performance in easy way without frustration.  For Teacher’s Module, teacher can key-in result/performance of student, announce information such as cancel class, uploading their teaching plan so parent will know the detail of that subject. Teacher also can share some tips and past year question document that can be download by parent.  By using this system, process of tuition learning will be more flexible and systematic.   1. **Problem Statement**   The problem domains to develop this project are, currently there is no information system that used by this tuition centre to manage their student information. They record all the student record used by using a paper based or filing system. This is the traditional system and very wasting time and energy.The administration has difficulties to maintain the student data because the student documentations are not properly managed by the tuition centre.  Besides that, this tuition centre also doesn't have a web site that can be used to advertise their education service to the public. This is web site is important to make sure the public people know all about their service and student achievement. The parent of the student cannot view the achievement of their child online if they want to.  **(b) Objective (s) of the Project**  *Objektif Projek*   1. To improve the communication between teachers and parents. 2. To increase their involvement in student’s education. 3. To increase efficiency and improve the services of tuition through better application of technology in daily operations.   **(c) Scope**  *Skop*   1. ***Module to be developed*** 2. **Log in**   To enable parent and teacher use the system.   1. **Tracking the result**   To enable parent check the result of their children.   1. **Upload**   To allow teacher to upload question for students usage.   1. **Registration**   To allow parent to register and choose their children name that had been register at tuition center   1. **Display**   To display the payment that may have to pay.   1. ***Target User*** 2. **Parent** 3. View the students' records, outstanding payment and timetable. 4. Review the latest info from the tuition center. 5. Easy communicate with the teacher. 6. **Teacher** 7. Can key in and auto calculate result/performance of student 8. Announce information in web-based. 9. Upload the teaching plan, tips or past year question document.   **(d) Project Significance**  *Kepentingan projek*   1. **Save Time**   The parent can save their time to meet the tuition teacher for performance their children in study.   1. **Avoid misunderstanding**   By using this system, misunderstanding could be reduced because this system provide chat box to communicate each other easily and all the annoucement will be always up to date.   1. **Better Performance**   Parent and teacher can update data and display all information with comfortable rate.   1. **Stronger Control**   The system ensures that the data is secure and accurate. Security controls include passwords, various levels of user access or coding of data that safe from unauthorized users. Accurate data is when the user gets output similar with what they had entered before.  **(e) Gantt Chart of Project Activities**  *Carta Gantt Aktiviti Projeck*   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Week**  **Activities** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | | List of student and the Supervisor |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Project Title |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Synopsis |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Project Proposal |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Submission of Project Proposal |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **INTRODUCTION** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Problem Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Background |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Objective |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Scope |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **ANALYSIS PROBLEM** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Problem Description |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Problem Decomposition |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Structure Chart |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Week**  **Activities** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | | **Design** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Flow Chart |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Pseudo Code |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Data Model |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Data Dictionary |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Input or Output Design |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **IMPLEMENTATION** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Programming |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **CONCLUSION** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Conclusion |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Final Presentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | Final Report |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| **D** | **REFERENCES** | |
|  | 1. http://ulearn.utem.edu.my/web/pluginfile.php/29485/mod\_resource/content/1/Buku\_Panduan\_Bengkel\_1%202015.pdf 2. http://www.simtrainsystem.com/ | |
| **E** | **ACCESS TO EQUIPMENT AND MATERIAL (PLEASE LIST IN DETAIL) /** *KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PROJEK INI (SILA SENARAIKAN DENGAN TERPERINCI)* | |
|  | **University**  *Universiti* | **Other Sources or Places**  *Lain-lain tempat/sumber* |
| Software requirement:   1. Programming Language  * PHP * Javascript * HTML  1. Operating System  * Windows 7 and above  1. Database Management System  * phpMyAdmin  1. Development Tool  * Microsoft Word * XAMPP Control Panel * Adobe Dreamweaver CS3 * Microsoft Visio * Adobe Photoshop CS3 * Notepad ++ |  |

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| **F (i)** | **Declaration by student/** *Akuan Pelajar* |
|  | **Date : Student’s Signature :**  *Tarikh : Tandatangan Pelajar : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **F (ii)** | **Recommended by the Supervisor**  *Perakuan oleh Penyelia* |
|  | **Please tick ( √ ) in the appropriate box**  *Sila tandakan ( √ ) dalam kotak yang berkenaan*  **Recommended:**  *Diperakukan:*   |  |  | | --- | --- | |  | 1. **Highly Recommended**   *Sangat Disokong* | |  | 1. **Recommended**   *Disokong* | |  | 1. **Not Recommended (Please specify reason)** *Tidak Disokong (Sila Nyatakan Sebab)* |   **General Comments:**  *Ulasan umum:*  **Supervisor’s Name:**  DR. SHARIFAH SAKINAH BINTI SYED AHMAD  *Nama Penyelia:*  **Signature:**  *Tandatangan:*  **Date:**  *Tarikh:* |
| **F(iii)** | **Comments/ Feedbacks from the Committee of Workshop 1**  *Komen/ Maklumbalas daripada Ahli Jawantankuasa Bengkel 1* |
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