PROJECT PROPOSAL

DSED-08 Major Project

Assignment

Dimple Sharma

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|  | **Project** Proposal **Project Goal**- University Library Management System. In this system, we can manage students and facility enrolment, publications, members, books, Fine management and Issued books and receive back.  **Project Objectives**- The main objective of this project is to make a management system for a library in university campus that will ease the student’s enrolments and automates all the data entries. This system will help to reduce the time in entering data manually without making any error in records.  **Project Scope**- A University Library Student Management System that will be used by staff/Librarian. The main stakeholders of this Project will be the library Staff and Management. The only out of scope of work is that we are not entering any personal data of staff and students into the system.  It supports universities to build, manage and extend their digital campus. It enables individuals, systems, and communities to interact seamlessly across campus in an environment which is efficient and gives service delivery and personalized educational experiences.  **Project Deliverables** – List exactly what you intend to include in the final package  1. Analysis documentation- The System should be able to add, update and remove students’ entries without any error. To make this happen we need automated system/ application in which we will create the tables and with a database where the data is going to be save. The database should be connected to the Web application so called library student management system.  2. Design documentation- We need a web application or system with the required UX.  3. Executable program- Set of programs like jQuery, CSS, SQL, database management, Microsoft.Asp net, Entity framework and controllers, Visual studio, php, Xamp.  4. User documentation- We will document each procedure. List of procedures are as follows:-   1. How this system developed and managed 2. How to communicate with the program 3. How to restart if any problem occurred 4. How to do backup of your data 5. How to shift your data if you feel any risk to your data. 6. How to add/update entries into the system.   5. Quality plan- We have used scrum methodology all the way in the project to make sure that each task is well tested and working properly. So, we ensure that user approve the quality of the result.  6. Executive Summary- In this project is a contribution of hardware and software. With the help of hardware, we will create an application that will help the University to manage their library online reducing the human error. With the help of this system, a librarian can add/update facility information, can issue books and fines. All the data will be entered with the help of software/ web application.  7. Presentation of your project to the class  *Presentation is attached below:-*  8. Constructive critical analysis of key learning from the exercise  Resources- Include details of hardware, software, user input, yourself, mentoring you hope to enlist.  . Approx. 20-22 days needed to complete this project.  . Will use scrum methodology to this project.  . Will divide tasks in the scheduled time.  . Need a computer and internet connection  . Need required software to run this application  . Will draft our work first  . Will communicate with our tutor to get the project to right track  . Will show our completed task to our tutor  . Will test our project before submission  **Project Milestones**-  Milestones:- Expected Time for Completion  Drafting the project and its deliverables:- 3-5 days  Choosing suitable methodology for this project:- 1 day  Division of work among the chosen timeframe:- 1-2 days  Choosing web application:- 1-2 days  Creating database and initiating work in visual studio- 3-5 days  Creating tables and entering data- 2-3 days  Finalising and testing the project deliverables- 2-3 days  Testing- 1-2 days  **Project Schedule**   |  |  |  | | --- | --- | --- | | Objectives | Expected Time | Due Date | | Project Selection | 1-2 days | 27/02/2020 | | Research and Analysis | 2-3 days | 29/02/2020 | | Project drafting | 1 day | 02/03/2020 | | Applying Project Methodology | 1-2 days | 04/03/2020 | | Division of project-project deliverables | 1-2 days | 06/03/2020 | | Project Completion and formation | 3-5 days | 11/03/2020 | | Project mentoring | 1 day | 12/03/2020 | | Project Testing and Execution | 1-3 days | 15/03/2020 | | Documentation and Presentation Completion | 1-3 days | 18/03/2020 | | Project Acceptance | 1-2 days | 20/03/2020 |   ProjectAssumptions- Users are available to provide required information for their Library Management System.  - Librarians provided requested information  - Almost users are happy with the drafter designs  **Part 2 – Complete the project**  **Project Journal**- After spending 20-22 days on this project. I’ve achieved a brief knowledge about database management, developing and designing web application, working with visual studio promptly. While working with the scrum strategy, we have faced lots of issues at the developing stage of library management system and at the time of communication between web application and database. After completing 50% of the project, we arranged a meeting with our teacher who helped to find issues in the project and how we can resolve them. Moreover, after getting a mentoring session from our tutor we went on right path and gained our project goals and deliverables.  **Meeting Report and Agenda**  ***Meeting 1:*** Meeting with the sponsor were held to discuss the project and what project we are going to complete. As per client approval we decided to make University Management system where the client will ease the student’s enrolments and automates all the data entries. This system will help to reduce the time in entering data manually without making any error in records.  **Agenda:** Project Selection and Client’s requirements for the project.  ***Report:*** We have agreed to go further with the client’s need and we also suggested some changes like functionality for member type and publisher type. Eventually client got happy with the draft that we made, and we have started working on it without wasting any single minute.  ----------------------------------------------------------------------------------------------------------------  ***Meeting 2:*** Meeting held with the tutor for the draft project that we are going to submit after analysing the needs of the client.  ***Agenda:*** Show the selected project and its functionality. Discuss about the requirements and gets the project approval to proceed further.  ***Report:*** Tutor was happy with the selected project as it was related to our study and campus library. Moreover, our project was completing all the required assessments criteria as well. He suggested to add some more tables and we agreed to fix it in the given deadline.  **Part 3: Review your project**  **Step 1:** Produce a post project review report on your project. The report is to be written formally, and must include:  1 Final Product - University Library Management System which supports universities to build, manage and extend their digital campus. It enables individuals, systems, and communities to interact seamlessly across campus in an environment which is efficient and gives service delivery and personalized educational experiences. In this system, we can manage student’s/ facility enrolment, publications, members, books, Fine management and Issued books and receive back.  2 Product quality- Our one of the aims was to make no compromises with project’s quality. So, we delivered all the agreed project deliverables.  *Delivered Objectives*  -A University Library Management System  -A data entry portal for students/facility for record purpose.  3 How it measured against objectives and measures of success  -Success could be measured from the project deliverables finished in the given deadline and all the required deliverables are working in the designed application.  4 An evaluation of how well you thought the project went – what were the major successes, weaknesses and lessons learned.  -Project was executed with lots of weakness and learning. After getting knowledge from research and mentoring session from our teacher, a success drove in with major potential in the project and helped me to finalise the project before the deadline. A big chunk knowledge driven from the project and ended up me with a brief knowledge about jQuery, CSS, SQL, database management, Microsoft.Asp net, Entity framework and controllers.  5 Future scope  -User will accept the project and use it for their University library.  6 Your project journal as an attachment  **Step 2:** Prepare a 10-minute presentation based on your report and deliver to your class. You may quickly demonstrate your product if time allows, but it is not essential to do so. It is more important that you deliver the bulk of your report.  Ans- “Placed in the folder ‘UniLibraryMgmtSystem’ under the name SharmaDimpleDSED08 Presentation “. |  |
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