

**SALAM UNIVERSITY**

Faculty of Computer Science

Department of Computer Science

**Proposal for monograph Final Year Project (FYP)**

**Full Name of Project: Online Library Management System using PHP and MySQL**

**Group members: 1**

**Date:** 20 May 2022

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| **First Name** | | **Last Name** | **Father Name** | | **Year** | **Semester** | | **Supervisor** | **Project Duration** | | **No of Students** | |
| Elham | | Wardak | Abdul Majid Wardak | | 1401 | Spring | | Optional | Two semesters | | No more than three | |
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|  | |  |  | |
| Start of project (year-month-day)  (1401/02/30) | | | Start of 7th semester  (1401/02/20) | | | Expected date for completion | | | End of 8th semester  (1401/12/10) | |

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| **Research Topic** | *Online Library Management System using PHP and MySQL* |
| **Research problem** | *An "Online Management System" is a must-have in any library, trading firm, or large stock exchange. Libraries, in particular, face challenges in keeping track of thousands of books, where they are stored, how many have been sold, how many are still available, who has borrowed the books, and who has returned and not returned the books. If we look closely enough, we can see several problems in a library. Most libraries currently save such information about their books on paper or in notebooks, which takes a long time and may cause a lot of problems. It is impossible to back it up because it could be lost, burned, or destroyed at any time. As a result, an Online Library Management System is required to address all of the mentioned problems.* |
| **Literature Review** | *Only a small percentage of Afghan libraries manage their books using online management tools. Some of these systems are built with advanced technology, but due to the luck of the requirements, they do not meet all of the library's needs. On the other hand, the majority of these applications are developed using outdated technology which caused the systems to be slow and insecure.*  *Furthermore, the existing systems does not have any facilities for teachers and students to login or sign up, they do not have any online books reservation form and the library owners cannot keep track of borrowed and returned books.*  *As an example, Saádat Book Store is one of the largest bookstores in Kabul. It has over 10,000 books. For their books management, they use an Iranian desktop application written in the JAVA computer language. They have both application and database on their personal desktop computer, which has low specifications. As a result, their system is slow and sometimes hangs while processing data or generating reports.* |
| **Needed programming languages/ Networking tools** | HTML, CSS, jQuery, JavaScript, PHP, MySQL XAMPP, Visual Studio Code |
|  |
| **Expected Outcomes** | An online library management system. Where students can sign up, see the list of books, buy, borrow and download them. Also, admin or owner of the system will be able to (Manage Books, Manage Books Categories, see the list of sold books, list of not returned books, manage registered users or students, add list of book authors) and many more options. |

**Work Plan:**

7th Semester:

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| **Activities** | Weeks | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Topic selection |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planning |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dataset gathering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dataset analysis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Work report |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

8th Semester

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| **Activities** | Weeks | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Development (Designing & Coding) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unit testing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated testing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| System testing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Implementation and Defense |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **References** | [*http://www.w3schools.com/html/html\_intro.asp*](http://www.w3schools.com/html/html_intro.asp)  [*https://www.w3schools.com/css/default.asp*](https://www.w3schools.com/css/default.asp)  [*https://www.w3schools.com/js/default.asp*](https://www.w3schools.com/js/default.asp)  [*https://www.w3schools.com/php/default.asp*](https://www.w3schools.com/php/default.asp)  [*https://www.w3schools.com/sql/default.asp*](https://www.w3schools.com/sql/default.asp)  [*https://www.freecodecamp.org*](https://www.freecodecamp.org) |

**Note:** Incase the topic you chose has already been defended by another student, then there is a great chance of your proposal rejection.

Submit completed form to Faculty of Computer Science

Please contact the Dean’s office, you may have any questions.

Receipt Date: 1401/02/30 Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_