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| **Project Ref.No.:** | **Project Title: Library Management** | **Activity Plan Prepared By: Giang Thu Duyen** | | **Date of Preparation of Activity Plan** | | |
| **Task Sub Division** | **Description** | **Planned Start Date** | **Actual Start Date** | **Actual Days** | **Team Member Names** | **Status** |
| **Read Project Guide** | Research and preliminary analysis of the project | February 21, 2023 | February 21, 2023 | 6 | All | 95% |
| **Form No.1** | Definition Document | February 27, 2023 | February 28, 2023 | 2 | Tran Hong Tem | 100% |
| Edit Definition Document | March 1, 2023 | March 1, 2023 | 1 | Giang Thu Duyen | 100% |
| **Form No.2A**  **Form No.2B** | Customer Requirement Software | February 27, 2023 | February 28, 2023 | 12 | All | 100% |
| Overview of Processes involved in the system | February 27, 2023 | February 3, 2023 | 2 | Giang Thu Duyen | 100% |
| Customer’s Acceptance Criteria | February 27, 2023 | March 1, 2023 | 2 | Truong Hung Vu, Tran Huu Phuc | 100% |

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| **Form No.2A** | Hardware and Software required | March 2, 2023 | March 2, 2023 | 1 | Giang Thu Duyen | 100% |
| Function requirement | March 2, 2023 | March 2, 2023 | 7 | Tran Hong Tem | 100% |
| **Form No.5** | Interface Design Document | February 27, 2023 | February 28, 2023 | 6 | Tran Huu Phuc | 90% |
| **DFD** | DFD Level 0 | February 27, 2023 | February 28, 2023 | 5 | Truong Hung Vu | 80% |
| **Form No.1** | Definition Document (edit) | March 6, 2023 | March 6, 2023 | 1 | Giang Thu Duyen | 100% |
| **Form No. 2A** | Hardware and Software required  (Edit) | March 6, 2023 | March 6, 2023 | 5 | Tran Hong Tem, Giang Thu Duyen | 100% |
| **Form No.3** | Project Plan | March 6, 2023 | March 6, 2023 | 1 | Giang Thu Duyen | 100% |

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| **Form No. 4** | GUI Standards Document | March 6, 2023 | March 6, 2023 | 7 | Tran Huu Phuc | 90% |
| **Collecting data** | Collecting Employee/Reader data | March 6, 2023 | March 6, 2023 | 6 | Truong Hung Vu | 85% |
| **Form No. 6** | Interface Design Document (DFD, Flowchart) | | | | | |
| DFD level 0 | March 6, 2023 | March 6, 2023 | 4 | Truong Hung Vu | 100% |
| DFD level 1 & 2 | March 6, 2023 | March 6, 2023 | 5 | Tran Hong Tem | 100% |
| FlowChart | March 6, 2023 | March 12, 2023 | 1 | Giang Thu Duyen | 100% |
| **Form No. 4 & 5** | GUI, Design (continue) | March 6, 2023 | March 6, 2023 | 7 | Tran Huu Phuc | 90% |
| **Collecting data** | Collecting Reader data | March 12, 2023 | March 12, 2023 | 1 | Truong Hung Vu | 100% |

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| **Form No.7** | Interface Design Document (Database) | | | | | |
| E-R Diagram | March 12, 2023 | March 12, 2023 | 3 | Giang Thu Duyen | 100% |
| Database Diagram | March 14, 2023 | March 14, 2023 | 9 | Tran Hong Tem, Tran Huu Phuc | 100% |
| Database SQL | March 14, 2023 | March 14, 2023 | 9 | Tran Huu Phuc, Giang Thu Duyên | 100% |
| **Collecting data** | Collecting Catalog Books & Books | March 14, 2023 | March 14, 2023 | 6 | Truong Hung Vu | 100% |
| **Form No.5 & 8** | Design and Coding |  | | | | |
| Form 8 | March 21, 2023 | March 22, 2023 | 1 | Giang Thu Duyen | 100% |
| Design Login & Manager & Librarian | March 21, 2023 | March 22, 2023 | 5 | Tran Huu Phuc, Tran Hong Tem | 100% |
| Design Reader | March 21, 2023 | March 22, 2023 | 5 | Giang Thu Duyen | 90% |
| Form 4 & 5 (finish) | March 21, 2023 | March 22, 2023 | 5 | Truong Hung Vu, Tran Huu Phuc, Tran Hong Tem | 100% |
| **Functional Programming & Event handling** | | | | | | |
| Reader | Search Document | April 5, 2023 | April 5, 2023 | 3 | Giang Thu Duyen | 100% |
| Displays about Extension Document Information | March 20, 2023 | March 21, 2023 | 7 | Giang Thu Duyen, Truong Hung Vu | 100% |
| Register to Borrow a Discussion Room | April 2, 2023 | April 2, 2023 | 2 | Giang Thu Duyen | 100% |
|  | My Profile | March 29, 2023 | March 29, 2023 | 3 | Giang Thu Duyen | 100% |
| Change Password | April 1, 2023 | April 1, 2023 | 3 | Giang Thu Duyen | 100% |
| Feedback Form | April 3, 2023 | April 3, 2023 | 2 | Giang Thu Duyen | 100% |
| Librarian | Add/Update/Delete/Search Reader | March 18, 2023 | March 18, 2023 | 5 | Tran Hong Tem | 100% |
| Add/Update/Delete/Search Discussion Room | March 18, 2023 | March 18, 2023 | 5 | Tran Huu Phuc | 100% |
| Add/Update/Search  /Extension Borrow Books | March 20, 2023 | March 20, 2023 | 2 | Tran Huu Phuc | 100% |
|  | Search/Displays Return Books | March 23, 2023 | March 23, 2023 | 5 | Tran Hong Tem | 100% |
| Manager | Add/Update/Delete Catalog Books | March 25, 2023 | March 25, 2023 | 2 | Tran Huu Phuc | 100% |
| Add/Update/Delete Books | March 26, 2023 | March 26, 2023 | 5 | Tran Huu Phuc | 100% |
| Add/Update/Delete BookShelf | March 28, 2023 | March 28, 2023 | 1 | Tran Huu Phuc | 100% |
| Add/Update/Delete Employee | March 30, 2023 | March 30, 2023 | 5 | Tran Huu Phuc | 100% |
| Statistics Report | April 4, 2023 | April 4, 2023 | 5 | Tran Huu Phuc | 100% |
| **Adding data in the Database** | Insert data for Reader, Employee, Book | March 28, 2023 | March 28, 2023 | 5 | Truong Hung Vu | 100% |
| **White Box Test** | | | | | | |
|  | Test Reader and Employee functions based on test cases | March 28, 2023 | March 28, 2023 | 5 | Truong Hung Vu, Tran Hong Tem | 100% |
| Summarize the rest of the tests. | April 4, 2023 | April 4, 2023 | 10 | All | 100% |