**Work Plan (Gantt Chart)**

Fill in the sub-tasks and insert a letter X in the cells to show the extent of each task

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Nov**  **1-15** | **Nov**  **16-30** | **Dec**  **1-15** | **Dec**  **16-31** | **Jan**  **1-15** | **Jan**  **16-31** | **Feb**  **1-15** | **Feb**  **16-28** | **Mar**  **1-15** | **Mar**  **16-31** | **Apr**  **1-15** | **Apr**  **16-30** |
| **Task 1 Researching collaborative learning theory and existing tools** | | | | | | | | | | | | |
| Search about the collaborative learning theory. | X | X | X |  |  |  |  |  |  |  |  |  |
| Research the existing collaborative learning tools, analyze the technologies they use and compare them. | X | X | X |  |  |  |  |  |  |  |  |  |
| The more appropriate technology is selected for project development. | X | X | X |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Task 2 Analysing user requirements and designing the online tool** | | | | | | | | | | | | |
| Collect and analyse user requirements. |  | X | X |  |  |  |  |  |  |  |  |  |
| System specifications. |  |  | X | X |  |  |  |  |  |  |  |  |
| Design the front and back end, and the database. |  |  |  | X | X |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Task 3 Implementing the collaborative tool** | | | | | | | | | | | | |
| Implement the back-end. |  |  |  |  | X | X | X | X |  |  |  |  |
| Implement the database. |  |  |  |  |  |  | X | X | X |  |  |  |
| Implement the User Interface. |  |  |  |  |  |  |  | X | X | X |  |  |
| Integrate the system. |  |  |  |  |  |  |  |  | X | X |  |  |
| **Task 4 Testing and evaluation through user experiments** | | | | | | | | | | | | |
| Design and plan testing and user experiments. |  |  |  |  |  |  |  |  | X | X |  |  |
| Carry out functional testing. |  |  |  |  |  |  |  |  |  | X | X |  |
| Conduct user evaluation. |  |  |  |  |  |  |  |  |  |  | X | X |
| Prepare the user guide. |  |  |  |  |  |  |  |  |  |  | X | X |