7.2 Work Breakdown Structure (WBS)

This list is still unconfirmed. Use this to evaluate PERT diagram and Gantt chart. Thank you.

|  |  |
| --- | --- |
| No. | Tasks |
| 1 | Identifying Backgrounds, Problems, Opportunities, Objectives and Project Scopes |
| 2 | Conduct surveys and interviews with users for current system |
| 3 | Analyzing Feedbacks of Current System |
| 4 | Estimating project budget, time and resource requirements |
| 5 | Developing and Designing new system |
| 6 | Testing and Documentation |
| 7 | Phased Implementation |
| 8 | System Maintenance |
| 9 | Post-Implementation Reports |

OR

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Tasks | Duration (weeks) | Predecessor Tasks |
| 1 | Identifying Backgrounds, Problems, Opportunities, Objectives and Project Scopes | 3 |  |
| 2 | Conduct surveys and interviews with users for current system | 3 | 1 |
| 3 | Analyzing Feedbacks of Current System | 2 | 2 |
| 4 | Estimating project budget, time and resource requirements | 2 | 3 |
| 5 | Developing and Designing new system | 8 | 4 |
| 6 | Testing and Documentation | 2 | 5 |
| 7 | Phased Implementation | 4 | 6 |
| 8 | System Maintenance | Ongoing | 7 |
| 9 | Post-Implementation Reports | 2 | 7,8 |
|  |  | ± 26 weeks |  |

Assessment Notes (just for your references):

1. **Identifying Backgrounds, Problems, Opportunities, Objectives and Project Scopes**: This task is crucial as it sets the foundation for the project. Make sure you allocate enough time and resources for thorough research and analysis.
2. **Conduct surveys and interviews with users for current system**: User input is vital for understanding requirements and improving user experience. Ensure you have a robust methodology for gathering this feedback.
3. **Analyzing Feedbacks of Current System**: Analyzing feedback helps in identifying pain points and areas for improvement. This task should be thorough to ensure that all feedback is considered.
4. **Estimating project budget, time and resource requirements**: Accurate estimation is essential for effective project management. Consider involving relevant stakeholders to ensure comprehensive estimation.
5. **Developing and Designing new system**: This task involves the actual creation of the new system. Break it down further into specific activities such as system architecture design, UI/UX design, etc.
6. **Testing and Documentation**: Testing ensures the quality of the system, while documentation is essential for future reference and maintenance. Make sure to allocate sufficient time for both activities.
7. **Phased Implementation**: Implementing the system in phases can help manage risks and ensure smooth transition. Define clear milestones for each phase.
8. **System Maintenance**: Maintenance ensures the long-term viability and performance of the system. Consider ongoing support, bug fixes, and updates in your plan.
9. **Post-Implementation Reports**: Evaluating the success of the project is crucial for learning and continuous improvement. Determine key metrics and criteria for assessing the project's outcomes.