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|  |  | **Waterfall Project Plan** |  |  |  |  |  |  |  |  |  |  | |  |  |
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|  |  |  |  |  |  | **Start Date** | | **January 6, 2020** | | |  |  |  |
|  |  |  |  |  |  | **End Date** | | **March 16, 2020** | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | **PLAN ACTIVITIES** | | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** |  |  |
|  |  | January | January | January | January | February | February | February | February | March | March |  |  |
|  |  | 6 | 13 | 20 | 27 | 3 | 10 | 17 | 24 | 7 | 16 |  |  |
|  |  | **REQUIREMENT GATHERING**  **& ANALYSIS** | Feasibility Study |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Requirement Gathering |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Software Requirement Specification |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Organizing Requirement |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Negotiation and Discussion |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Software Requirement Verification |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Software Requirement Validation |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | SRS Documentation |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **SYSTEM DESIGN** | Identify Design Goals |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | System Decomposition |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Logical Design |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Physical Design |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Architectural Design |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Detailed Design |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conceptual Data Modeling |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Design Management |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **IMPLEMENTATION** | Build Component 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Unit Testing of Component 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Build Component 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Unit Testing of Component 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Modules Coding |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Front-end Coding |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Back-end Coding |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Database Coding |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Unit Testing of Each Component |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **INTEGRATION & TSETING** | Integration of Components |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Integration of Modules |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Integration Testing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | System Testing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Bottom-up Integration Testing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Incremental Testing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Big Bang Testing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Acceptance Testing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **DEPLOYMENT OF SYSTEM** | Creating Operation Procedures |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Deployment Preparations |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Deploying the Solution |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Core Technology Deployment |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Site Deployments |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Stabilizing the Deployment |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Transferring Ownership to Operations Team |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Closing the Deploying Phase |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **MAINTENANCE** | Identification and Tracing |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Corrective Maintenance |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Adaptive Maintenance |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Perfective Maintenance |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Preventive Maintenance |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Installation and Activation |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Maintenance Management |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Version Tracking |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Releasing Patches |  |  |  |  |  |  |  |  |  |  |  |  |
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