# WBS Dictionary for Requirements Gathering Agent Project

This WBS Dictionary provides detailed information for each work package within the Requirements Gathering Agent project’s Work Breakdown Structure (WBS). The WBS is structured to align with the PMBOK Guide’s recommended approach, categorizing tasks by project management process group. Note that this is a sample and should be tailored to the specific project plan.

**1.0 Project Management**

| WBS Code | Work Package Name | Description | Responsible Org/Individual | Resources | Estimated Duration | Acceptance Criteria | Dependencies | Quality Requirements | Assumptions & Constraints |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.1 | Project Initiation | Define project goals, objectives, and scope; create project charter; secure stakeholder buy-in. | Project Manager | Project Charter Template, Stakeholder List, Meeting Time | 2 weeks | Approved Project Charter | None | Accurate, complete, and approved project charter | Stakeholder availability |
| 1.2 | Project Planning | Develop detailed project plans including scope, schedule, cost, quality, resource, communication, risk, and procurement management plans. | Project Manager | Planning Templates, Project Management Software | 4 weeks | Approved Project Management Plans | 1.1 | Comprehensive, realistic, and achievable project plans | Accurate resource estimates |
| 1.3 | Project Execution | Execute project plans, track progress, manage resources, and address issues. | Project Team | Project Management Software, Communication Channels | 12 weeks | Completed deliverables meeting acceptance criteria | 1.2 | Deliverables meet quality standards, on-time and within budget | Sufficient resources available |
| 1.4 | Project Monitoring & Controlling | Monitor project performance, identify variances, implement corrective actions, and update plans. | Project Manager | Project Management Software, Reporting Tools | Ongoing | Project reports accurately reflect progress and risks | 1.3 | Accurate and timely reporting | Regular stakeholder updates |
| 1.5 | Project Closure | Formalize project closure, conduct post-project review, document lessons learned, and archive project documents. | Project Manager | Project Closure Template, Archive System | 1 week | Completed project closure documentation and lessons learned report | 1.4 | Thorough and comprehensive closure documentation | Timely stakeholder feedback |

**2.0 Requirements Gathering and Analysis**

| WBS Code | Work Package Name | Description | Responsible Org/Individual | Resources | Estimated Duration | Acceptance Criteria | Dependencies | Quality Requirements | Assumptions & Constraints |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2.1 | Requirements Elicitation | Gather requirements from stakeholders using interviews, surveys, workshops, and document analysis. | Business Analyst | Stakeholder Interviews, Surveys, Documentation Review Tools | 2 weeks | Complete and validated requirements documentation | 1.2 | Clear, concise, unambiguous, and complete requirements documentation | Stakeholder availability and cooperation |
| 2.2 | Requirements Analysis | Analyze elicited requirements to identify conflicts, dependencies, and ambiguities. Create user stories and use cases. | Business Analyst | Requirements Analysis Tools, User Story Mapping Templates | 2 weeks | Completed requirements analysis document, user stories, and use cases | 2.1 | Comprehensive analysis, clear user stories, and consistent terminology | Sufficient information available for analysis |
| 2.3 | Requirements Validation | Validate requirements with stakeholders to ensure accuracy, completeness, and feasibility. | Business Analyst | Stakeholder Reviews, Prototypes | 1 week | Approved requirements document | 2.2 | Stakeholder sign-off on validated requirements | Stakeholder availability and cooperation |
| 2.4 | Requirements Documentation | Document all validated requirements in a formal requirements specification document. | Business Analyst | Documentation Tools, Templates | 1 week | Complete and well-structured requirements specification document | 2.3 | Well-formatted and easy to understand requirements document | Consistent terminology and formatting |

**3.0 Design and Development**

| WBS Code | Work Package Name | Description | Responsible Org/Individual | Resources | Estimated Duration | Acceptance Criteria | Dependencies | Quality Requirements | Assumptions & Constraints |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3.1 | System Design | Design the system architecture, including database design, API design, and user interface design. | Architect | Design Tools, UML Diagrams | 4 weeks | Approved system design documentation | 2.4 | Well-documented and scalable system design | Clear understanding of requirements |
| 3.2 | Development | Develop the software based on the approved system design. | Development Team | IDE, Development Tools, Version Control System | 8 weeks | Code compiles and passes unit tests | 3.1 | Clean, well-documented, and testable code | Availability of development resources |
| 3.3 | Testing | Conduct unit testing, integration testing, and system testing. | QA Team | Test Management Software, Test Cases | 4 weeks | All test cases passed | 3.2 | Comprehensive test coverage, accurate test results | Access to necessary testing environments |
| 3.4 | Deployment | Deploy the software to the production environment. | DevOps Team | Deployment Tools, Server Infrastructure | 1 week | Successful deployment of the software to production | 3.3 | Smooth and efficient deployment process | Production environment availability |

**4.0 Documentation and Training**

| WBS Code | Work Package Name | Description | Responsible Org/Individual | Resources | Estimated Duration | Acceptance Criteria | Dependencies | Quality Requirements | Assumptions & Constraints |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4.1 | User Documentation | Create user manuals, tutorials, and other user documentation for the Requirements Gathering Agent. | Technical Writer | Documentation Tools, Templates | 2 weeks | Complete and well-organized user documentation | 3.4 | Clear, concise, and easy-to-understand documentation | Availability of subject matter experts |
| 4.2 | Training Materials | Develop training materials, including presentations, handouts, and online tutorials. | Training Team | Presentation Software, Training Platforms | 1 week | Complete and effective training materials | 4.1 | Engaging and informative training materials | Availability of trainers and training resources |

This WBS Dictionary provides a starting point. Further refinement will be necessary as the project progresses and more detailed information becomes available. The estimated durations and resource requirements are preliminary and subject to change.