| **S.No** | **Phase Name** | **Entry Criteria/Input** | **Activities Performed** | **Deliverables**  **/Output** |
| --- | --- | --- | --- | --- |
| 1 | Requirement Analysis | Project Plan  Requirements specification document  It is also recommended that the application architecture is handy. | Identifying and prioritizing the requirements.  Brainstorming sessions for the feasibility and requirement analysis. | Testing feasibility report |
| 2 | Test Planning | Project Plan  Requirements specification document  Test feasibility reports | Define the scope of the project  Do the risk analysis and prepare the risk mitigation plan.  Perform test estimation.  Determine the overall testing strategy and process.  Identify the tools and resources and check for any training needs.  Identify the environment.  Test Plan Sign off | Test Plan document. |
| 4 | Test Design | Project Plan  requirements specification document  Test Plan Document | Preparation of Test scenarios  Preparation of Test Cases  Identify the test data Review Test Cases  Create the traceability matrix  Test Case Document Sign Off d | Requirement traceability matrix (RTM)  Test Data  Test Case Documents |
| 6 | Execution | Requirement Document  Test Plan  Test cases  Build to be tested from Development team | Execute the test cases  Document test results, and log defects for failed cases | Test Report |
| 7 | Defect Reporting & Tracking | Test Cases  Test Report/Test Log | Preparation of defect reports and provide the accurate figures and result of testing to developers. | Defect Report |
| 8 | Closure/ Sign Off | Defect Report  Test report | Analyse the test report  Analyse the defect report  Evaluate the exit criteria  Do the retrospective (Identify how to improve teamwork by reflecting on what worked, what didn’t, and why) meeting and understand the lessons learnt | Lessons learnt document  Test report  Test closure report. |