

SDLC Role Chart with People Involved

SDLC Phase	BA Activities	QA Activities	Inputs to Phase	Outputs / Documents / Artifacts	People Involved
Requirement Gathering & Analysis	Conduct stakeholder interviews, gather business needs, create BRD, support SRD creation	Review requirements, identify testable items, start understanding scope	Business Idea, Stakeholder Interviews, Market Research	BRD, SRD/SRS, Initial RTM	Business Analyst, Stakeholders, Product Owner
Design	Clarify requirements, assist in use case and UI flow diagrams, validate design against requirements	Begin writing test strategy, create high-level test scenarios, review design docs	BRD, SRD, Approved Requirements	Wireframes, Use Cases, High-Level Test Plan, Updated RTM	Business Analyst, UI/UX Designer, Solution Architect
Development	Provide clarifications on requirements, track scope changes	Prepare test cases, setup test data/environments, write automation framework	Design Documents, User Stories, Use Cases	Test Cases, Test Data, Test Environment Setup, RTM Updated	Developers, Tech Lead, QA, DevOps
Testing	Support QA with business logic, participate in defect triage meetings	Execute test cases, log defects, perform regression and performance testing	Code, Test Cases, Test Data	Test Execution Report, Defect Log, Final RTM, QA Sign-Off	QA Testers, Test Lead, Developers
Deployment	Validate production readiness, participate in Go/No-Go decision	Conduct smoke testing, support UAT, perform release validation	Deployment Checklist, QA Sign-Off	UAT Feedback, Release Notes, Deployment Plan	Release Manager, QA, DevOps, Product Owner
Maintenance	Log change requests, gather new enhancement requirements	Re-test bug fixes, perform regression testing	User Feedback, Support Tickets	Change Requests (CRs), Updated Test Cases, Regression Reports	Support Team, QA, Business Analyst