

WORK BREAKDOWN STRUCTURE (WBS)

Project: Core Digital Transformation for a Retail Banking

Date: February 18, 2026 | Version: 1.0

WBS Code	Task / Deliverable	Level	Description
1.0	Core Digital Transformation for a Retail Banking	0	Complete digital transformation initiative to modernize retail banking systems with cloud-native architecture, regulatory compliance, and real-time data capabilities
1.1	Planning	1	Project initiation, stakeholder engagement, requirements gathering, and architectural design
1.2	Execution	1	Development, integration, testing, and compliance validation
1.3	Closure	1	Production deployment, training, handover, and post-implementation support
1.1.1	Identify Stakeholders	2	Identify and document all project stakeholders including CTO, Compliance Officer, DevOps engineers, Product Owners, customers, and regulators. Create stakeholder register and engagement plan.
1.1.2	Gather Requirements	2	Conduct interviews and workshops with stakeholders to elicit functional and non-functional requirements. Document business requirements (BRD) and technical specifications.
1.1.3	Design Cloud-Native Architecture	2	Design microservices architecture, containerization strategy, API gateway, data pipeline architecture, and security controls. Create architecture diagrams and technical design documents.
1.2.1	Configure CI/CD Pipeline	2	Set up Jenkins/GitLab CI/CD pipelines for automated builds, tests, and deployments. Implement blue-green and canary deployment strategies with automated rollback capabilities.
1.2.2	Integrate Core Banking & API Layers	2	Migrate legacy core banking systems to microservices. Develop secure API gateway for inter-service communication and third-party integrations (credit bureaus, payment gateways).
1.2.3	Test Compliance (KYC/AML/PCI-DSS)	2	Conduct compliance testing for KYC identity verification, AML transaction monitoring, PCI-DSS cardholder data security, and GDPR data privacy controls. Validate audit logging and encryption.
1.3.1	Deploy to Production	2	Execute production deployment using blue-green strategy. Perform smoke tests and health checks. Activate monitoring and alerting. Validate 99.99% uptime SLA and <500ms transaction latency.
1.3.2	Conduct User Training	2	Deliver role-based training for customers, product owners, compliance officers, and DevOps engineers. Conduct competency assessments and provide training materials (guides, videos, runbooks).
1.3.3	Perform Handover to Operations	2	Transfer ownership to operations team. Provide operational runbooks, incident response procedures, and escalation contacts. Conduct knowledge transfer sessions and establish support SLAs.

WBS SUMMARY

Total Project |

13

Major Phases 3 (Planning, Execution, Closure)

Total Tasks 19 tasks

Estimated Project Duration 8.5 months (Planning: 2 weeks | Execution: 6 months | Closure: 1.5 months)