

Sr No	Project Name	Epic ID	Epic	Story ID	Story Title	Story Description	Task ID	Task	Description	Sub Task
1	AML System	E001	User Management & Authentication	S001	Customer Registration	Implement secure customer registration with KYC validation	T001	Create Customer Entity	Design and implement Customer entity with all required fields	Database schema design
							T002	Registration API	Develop customer registration REST API endpoints	Input validation and password hashing
							T003	KYC Document Upload	Implement document upload and validation system	File upload and validation rules
				S002	JWT Authentication	Implement secure JWT-based authentication system	T004	JWT Configuration	Configure JWT security with proper token generation	Security configuration
							T005	Login/Logout APIs	Develop authentication endpoints with proper error handling	Error handling and session management
							T006	OTP Service	Create OTP generation and validation service	Random generation and expiry handling
		E002	Bank Account Management	S003	OTP Verification	Implement OTP-based two-factor authentication	T007	Email Integration	Integrate email service for OTP delivery	SMTP configuration
							T008	BankAccount Entity	Design bank account entity with approval status	Entity relationships
							T009	Account Creation API	Develop account creation with initial balance handling	Business logic implementation
				S004	Account Creation	Implement bank account creation with approval workflow	T010	Approval Workflow	Implement admin approval/rejection workflow	Status management and notifications
							T011	Balance Management	Implement balance tracking and validation	Concurrency handling
							T012	Account Status Management	Implement account activation/suspension	Status transitions
		E003	Transaction Processing	S005	Account Operations	Implement basic account operations and balance management	T013	Transaction Entity	Design transaction entity with all required fields	Entity design and relationships
							T014	Transaction API	Develop transaction creation and processing APIs	Business logic and validation
							T015	Balance Validation	Implement balance checking and updates	Atomic operations
				S006	Transaction Creation	Implement secure transaction processing system	T016	History API	Develop transaction history retrieval APIs	Pagination and filtering
							T017	Transaction Reports	Implement transaction reporting features	Report generation and exports
							T018	AML Rule Entity	Design AML rule entity with conditions and weights	Rule structure design
		E004	AML Rule Engine	S007	Transaction History	Implement transaction history and reporting	T019	Rule Management API	Develop rule CRUD operations	Rule validation and activation
							T020	Risk Calculation	Implement risk score calculation algorithm	Complex business logic
							T021	Rule Evaluation	Implement rule evaluation against transactions	Rule engine logic
				S008	Rule Configuration	Implement configurable AML rules system	T022	Keyword Entity	Design suspicious keyword entity with risk levels	Entity design
							T023	Keyword Detection	Implement keyword matching in transactions	Text processing and pattern matching
							T024	Keyword Management	Develop keyword CRUD operations	Admin interface
				S009	Risk Scoring	Implement transaction risk scoring engine	T025	Country Risk Entity	Design country risk entity with risk scores	Entity design
							T026	Risk Assessment	Implement country risk evaluation in transactions	Risk calculation integration
							T027	Country Management	Develop country risk CRUD operations	Admin management
							T028	Dashboard Layout	Design responsive dashboard layout with key AML metrics	UI/UX design and responsive layout
		E005	Compliance Officer Dashboard	S010	Officer Dashboard Overview	Implement comprehensive compliance officer dashboard with key metrics	T029	Real-time Metrics	Implement real-time dashboard metrics and KPIs	Data aggregation and real-time updates
							T030	Alert Summary Widget	Create alert summary widget with priority indicators	Widget development and data visualization
							T031	Alert Details View	Create detailed alert investigation interface	Investigation workflow and UI
				S011	Alert Investigation Workflow	Implement streamlined alert investigation and case management	T032	Case Management	Implement case creation and tracking system	Case lifecycle management
							T033	Investigation Notes	Implement investigation notes and documentation system	Note-taking and documentation features
							T034	Evidence Management	Implement evidence collection and attachment system	File management and evidence tracking
		E006	Alert Management	S012	Alert Generation	Implement automated alert generation system	T035	Alert Entity	Design alert entity with severity levels	Entity relationships
							T036	Alert Generation Logic	Implement automatic alert creation for high-risk transactions	Business rules and triggers
							T037	Alert Assignment	Implement alert assignment to compliance officers	Assignment logic
				S013	Alert Processing	Implement alert handling and resolution	T038	Alert Resolution	Implement alert investigation and resolution workflow	Workflow management
							T039	Alert APIs	Develop alert management APIs for officers	CRUD operations
							T040	Dashboard Statistics	Implement dashboard with system statistics	Data aggregation and metrics
		E007	Admin System	S014	Admin Dashboard	Implement comprehensive admin dashboard	T041	User Activity Monitoring	Implement user activity analysis for blocking decisions	Activity tracking and risk assessment
							T042	Officer Entity	Design compliance officer entity	Entity design
							T043	Officer CRUD	Develop officer creation and management APIs	User management
				S015	Officer Management	Implement compliance officer management	T044	Officer Activation	Implement officer activation/deactivation	Status management
							T045	Configuration APIs	Develop APIs for managing rules keywords countries	Configuration management
							T046	User Blocking	Implement user blocking/unblocking functionality	User status management
		E008	Email Notification System	S016	System Configuration	Implement system configuration management	T047	Email Configuration	Configure SMTP and email templates	SMTP setup and templates
							T048	Transaction Notifications	Implement email notifications for transactions	Event-driven notifications
							T049	Alert Notifications	Implement email notifications for alerts	Alert-based emails
				S017	Email Service	Implement comprehensive email notification system	T050	Audit Entity	Design audit log entity for tracking changes	Audit design
							T051	Audit Service	Implement audit logging service	Logging implementation
							T052	Security Configuration	Configure Spring Security with role-based access	Security setup
		E009	Security & Compliance	S018	Role-Based Access	Implement comprehensive role-based access control	T053	Permission Management	Implement fine-grained permission system	Authorization logic
							T054	Data Encryption	Implement sensitive data encryption	Encryption implementation
				S019	Data Protection	Implement data encryption and protection	T055	Input Validation	Implement comprehensive input validation	Validation rules