

Annexure-I

Area	Component	Tools/Technology Stack
UI	Web Portals	React and NextJS
	Desktop (Offline Solution)	React with electronjs
	Mobile Apps	Flutter
	MIS/BI Front End	Superset
Application &DB	API Development	Golang and Java spring boot
	API Documentation	Swagger
	Application Security	Burp Suite
	Cache	Redis
	Databases	PostgreSQL, MongoDB, SQLite
Testing Tools	Testing Automation	Jmeter, Selenium, Cucumber, Appium
	Test Management tool	Test link
	Bug tracking tool	Bugzilla
CI/CD	Code Repository	GitLab
	Version Management	Jenkins
	Orchestration & Deployment	Kubernetes with Docker & Rancher
	Image repository	Harbor
	NPM repository	Nexus
	Code Quality Check	SonarQube
	Image Security	Trivy & OWASP
	Configuration Management	Ansible
	Service Mesh	Istio, Kiali, Jaeger
Common Solutions	Event Driven Queue	Kafka
	Hypervisor	KVM
	AD & DNS	Open LDAP & Power DNS
	Monitoring Tools	Prometheus & Grafana and ELK, Zabbix
	Web Application Firewall	HA Proxy with Mod Security,
	API Gateway	Kong
	Identity & Access Management	Key cloak
	ECMS	Minio
	OS	Ubuntu
	Firewall & VPN	Pfsense & open VPN
	Proxy	Squid