LIFE CYCLE INFOGRAPHIC

Networking & Server

Stakeholders' needs are crucial for a successful solution. Define goals, constraints, and success criteria, create a plan, identify risks, outline design, assess feasibility, and determine if existing infrastructure can support the solution.

Discover

Develop detailed blueprints for system architecture, UI/UX design, and security framework, identify technologies, platforms, and coding languages, test feasibility, gather stakeholder feedback, align with security, data protection, and industry regulations, reuse existing hardware, and ensure system components work together.

Plan, Design & Develop

Verifies if the system meets the defined requirements.
Tests key functionalities (e.g., login, data processing, reporting).
Measures system speed, reliability, and scalability.
Identifies potential bottlenecks under heavy usage.

Testing & Quality Assurance

The system undergoes controlled testing, ensuring no disruption to other systems, and is approved by stakeholders for deployment, ensuring compliance, security, and functionality checks are met.

Pre-Production

Identify system failures, shut down obsolete hardware/software, ensure secure data disposal, transfer data, users, and services to modern system, and provide training and support for users.

Decommission & Migrate

Utilize feedback, monitor system performance, apply structured updates for efficiency improvement, and adhere to ITIL frameworks for effective change management.

Monitor & Evaluate

The solution is installed and activated for end-users, and data migration and system configuration are finalized. Phased rollouts are used to minimize risks.

Deployment