



Internship as a Service

~Crafting Your Professional Path



Internship as a service – Technologies covered



Full Stack Programs



DevOps



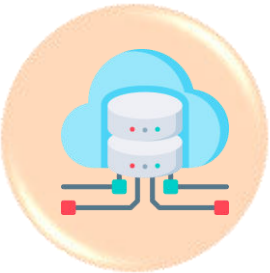
Cybersecurity



Automation Testing



Generative AI



Cloud



Big Data



Data Analytics



AI/ML

Internship as a service – Delivery Flow



12 weeks (12 sprints) each sprint shall have epic goals

Milestones set every week to assess participant's progress

Mentors assigned to guide participants throughout the project

Internship as a service - Competencies

Pre - requisites

Foundation

Track	Git/GitHub	Java	Maven
		Python	pip
		GO	modules
		NodeJS	npm

Database		Backend	Frontend
SQL	NOSQL	SpringBoot	ReactJS
		Django	Angular
		ExpressJS	Vue
		Laravel	ReactJS
		Gin	Flutter

With Prompt Engg – Github Copilot /
Tabnine / AWS etc

Competencies

NFR

Design Document, Response Time, Page view time, Throughput, Availability, Concurrent users, CI/CD Pipelines, Release wise pipeline configuration, Failure alerts, Error Handling for Microservices, Logging and Monitoring, High availability 99.99% , Testing of HA with relevant tools

Security

Secure Access, Secure Data Access, Security Standards (OWASP / GDPR), Handling PII Data

Accessibility

Responsive web design, accessibility design , Error Page Management, Email Notifications for Server Downtime, Interoperability

Volumes

Test data preparation and management

Engineering Practices

100% Method Coverage, 95% Block/Line Coverage, Code Quality, Code Complexity, CPU & Memory Profiling, Unit Test Reports, Monitoring & Alerting, Release Cadence, Feature Release, Subsequent Bug-Fix Release, Subsequent Prod Release, Subsequent Patch Release (if any), E2E testing, BDD Approach for testing

Cloud

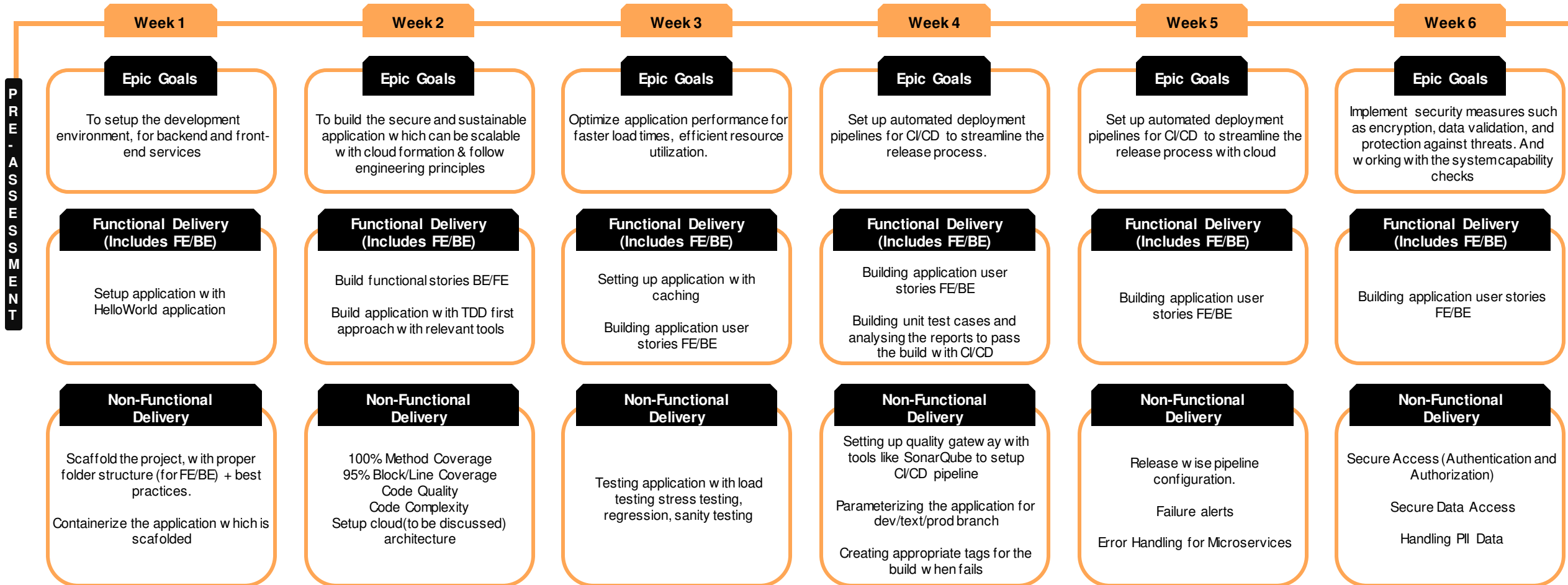
Deployment, https / ssl , DNS Management

Usability

Intuitive & Accessibility, SEO compliant, RWD, Localization, WCAG 2.x ,Offline Functionality

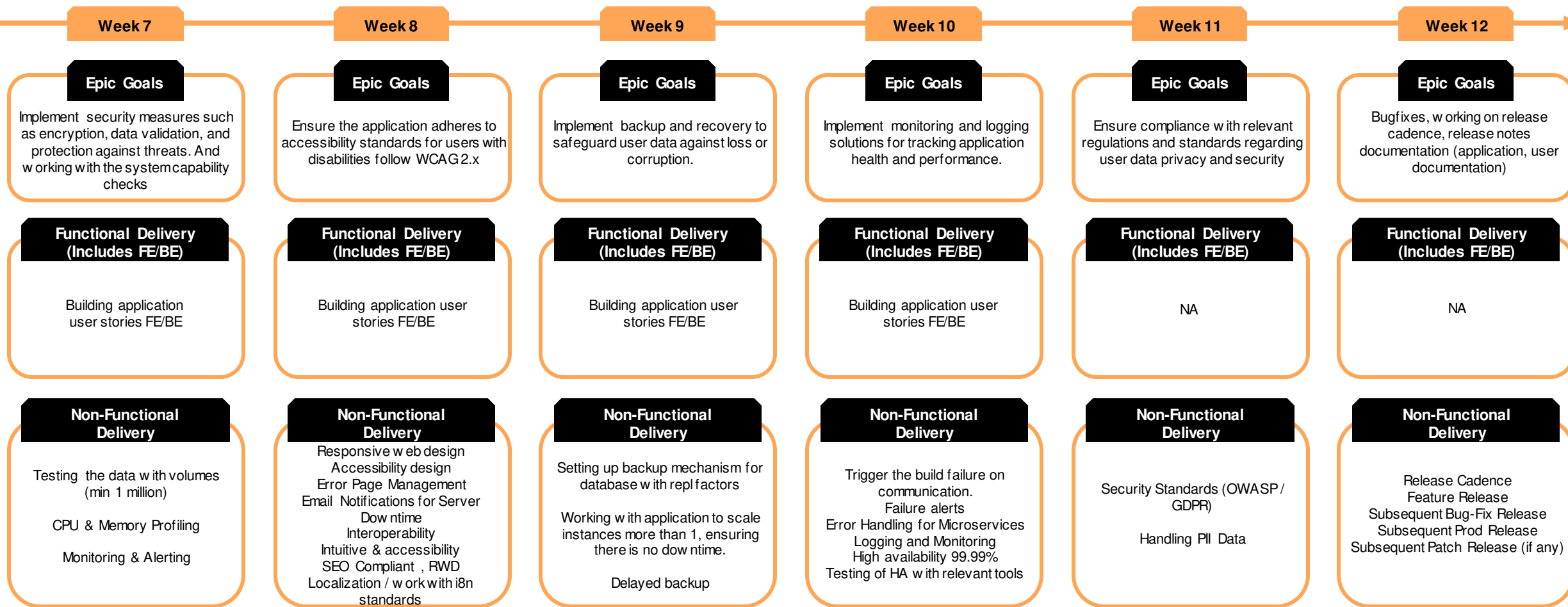
- Participants are expected to have the pre-requisite skills
- A pre-assessment based on the Pre-requisite skill sets will be carried out and participants who don't meet the required criteria will be suggested to take a refresher course of 5 days duration.

Learner Journey (1/2)



Scheduled Mentor Connect : Mentor Guidance every week (4-6 hours per week)

Learner Journey (2/2)



Scheduled Mentor Connect : Mentor Guidance every week (4-6 hours per week)



Thank You