



Objective

Provide an end-to-end solution in the design and development of a Healthcare Insurance Management platform using cutting edge open source technologies.

Scope

- Build a scalable next generation architecture system
- E2E Design & Development of modules
- Project architecture & Datamodel
- REST Service design & development
- Config mangement using GIT
- Functional & Automation testing
- Release management
- Third party integrations
- CI automation for build & deployment
- Alerts and notifications

Challenges

- Understand the existing manual workflows, internal processes and standards.
- Continuous interactions with business and technical teams to capture requirements & translate into viable solutions.
- Complex business logics addressing different clients needs separately

Technology

- Spring Boot Project
- Java 8
- Maven
- Redis Cache
- Node.JS
- ReactJS
- Bootstrap
- RabbitMQ

Benefits

- Less time wasted in manual recording
- Paper free – no space issues
- Quick access to real time production progress
- Generation of real time as well as historical data for analysis
- Ease in decision making and mitigation of risk
- 24x7 access to the system
- Intranet application that works without Internet connectivity
- Ease in claims pricing and processing
- Easy calculation and processing of claims

Key features

- HealthCare Insurance Management Platform caters to Claims Processing & Adjudication for Drug & Medicine related claims.
- This platform supports all means of claims input in order to connect to the centralized pharmacy gateway
- Client management & Eligibility rules can be defined
- It also caters to international or manual claims from individuals, completely secured and deployed in the cloud.
- It is a fully customized solution integrated with external and internal legacy systems through web services.
- Future path provides a mobile app solution including access to the end user.