Setting Up Application Environment

- Create Flask Project
- Create IBM Cloud
  Account
- Install IBM Cloud CLI
- Docker CLI Installation
- Create An Account In Sendgrid

Implementing Web Application

Create UI To Interact With Application

Create IBM DB2 And Connect With Python

Integrating SendGrid Service

> SendGrid Integration With Python Code

Deployment Of App In IBM Cloud

Containerize The App

Upload Image To IBM Container Registry

Deploy In Kubernetes Cluster

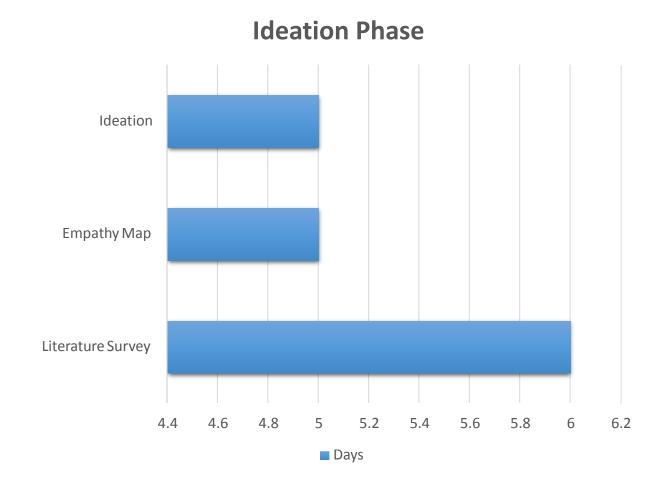
29<sup>th</sup> August – 17<sup>th</sup> September

**Ideation Phase** 

Literature Survey On The Selected Project & Information Gathering

Prepare Empathy Map

Ideation



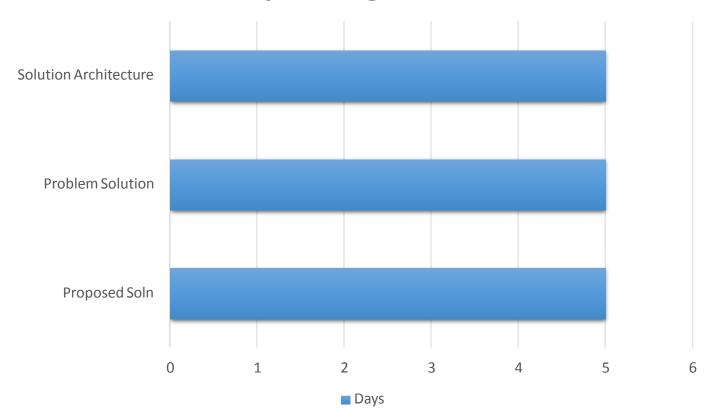
## **Project Design Phase 1**

Project Design Phase – I

Proposed Solution – Days 2

- Problem Solution Fit

Solution Architecture



Project Design Phase -II

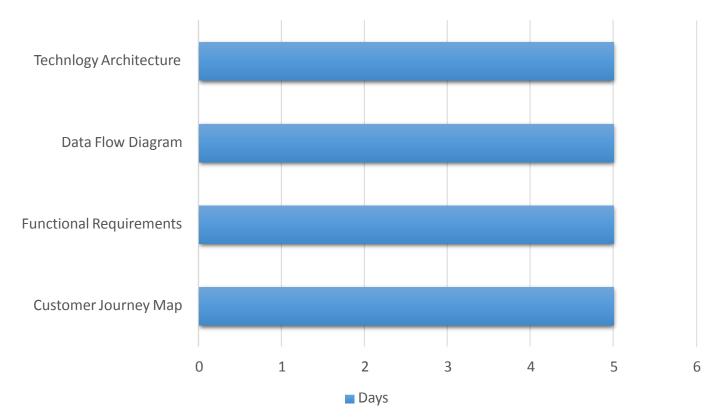
Customer Journey

Functional Requirement

Data Flow Diagrams

Technology Architecture

## **Project Design Phase 2**

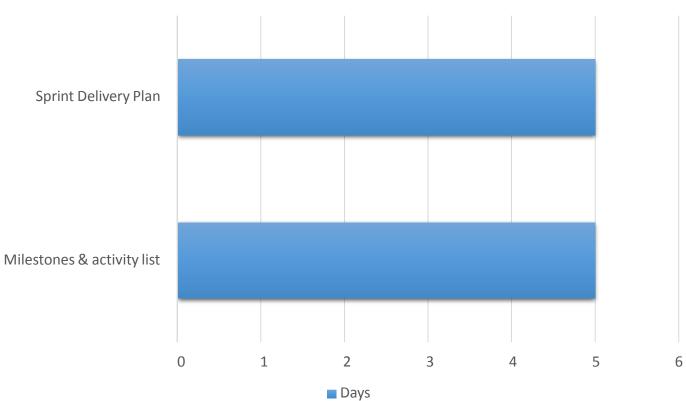


# **Project Planning Phase**

Project Planning Phase

Prepare Milestone & Activity List

Sprint Delivery Plan



24<sup>th</sup> October – 19<sup>th</sup> November

#### Project Development Phase

Project Development -Delivery Of Sprint-1

Project Development -Delivery Of Sprint-2

Project Development -Delivery Of Sprint-3

Project Development -Delivery Of Sprint-4

### **Project Development Phase**

