Preparation Phase

22 – 27th August

- 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

Ideation Phase

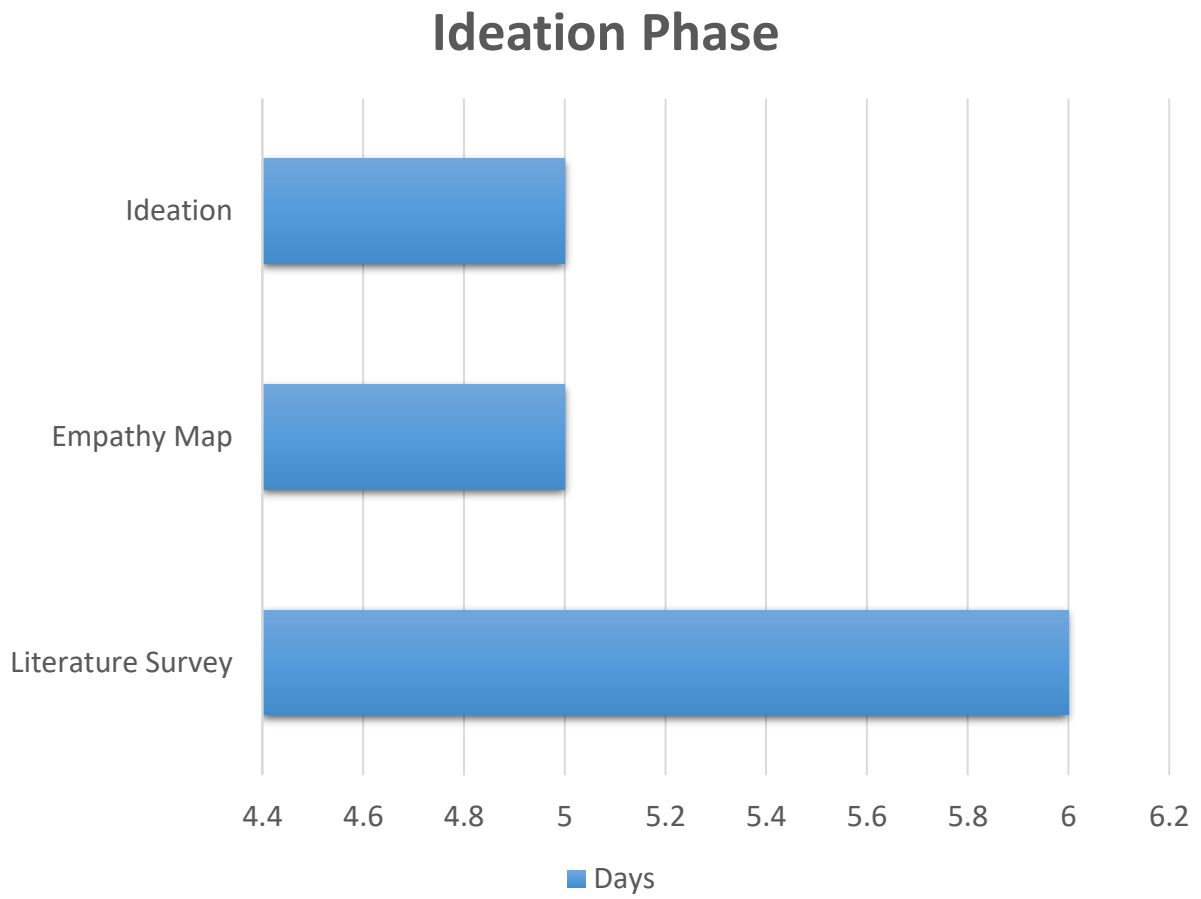
29th August – 17th September

Ideation Phase

Literature Survey On The Selected Project & Information Gathering

Prepare Empathy Map

Ideation



Project Design Phase 1

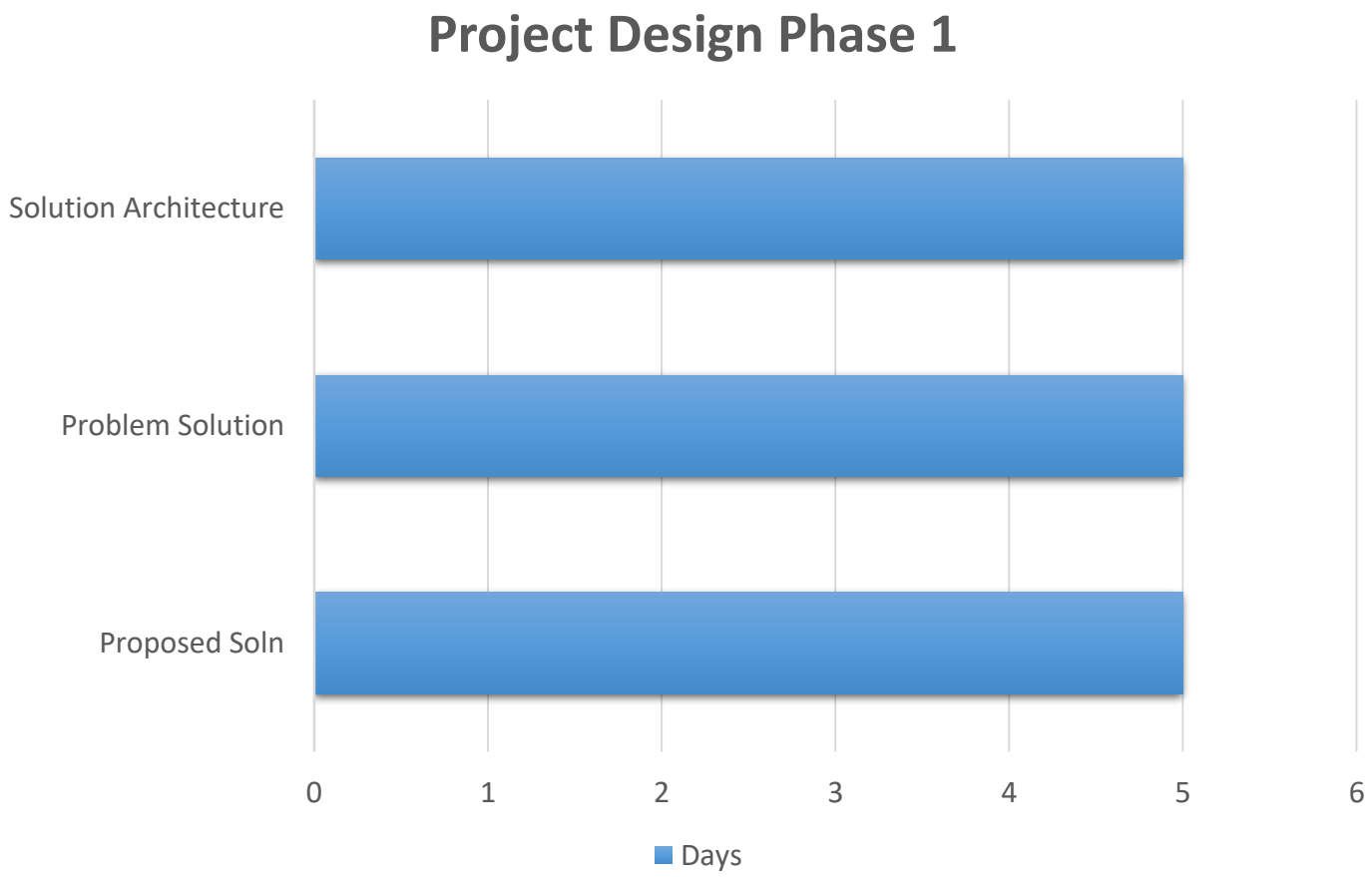
19th September – 1st October

Project Design Phase – I

Proposed Solution – Days 2

- Problem Solution Fit

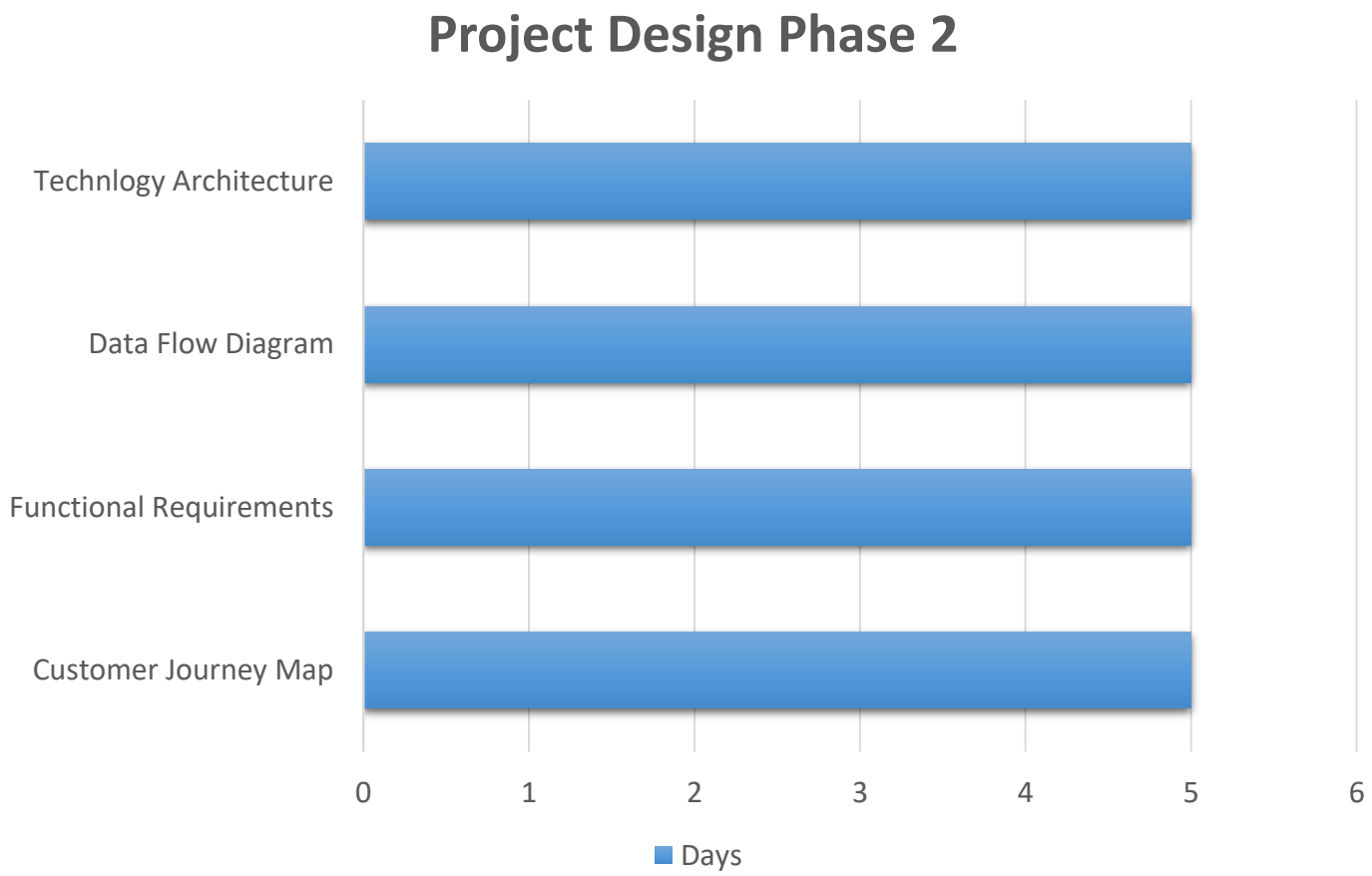
Solution Architecture



Project Design Phase 2

3 – 15th October

- Project Design Phase -II
  - Customer Journey
  - Functional Requirement
  - Data Flow Diagrams
  - Technology Architecture



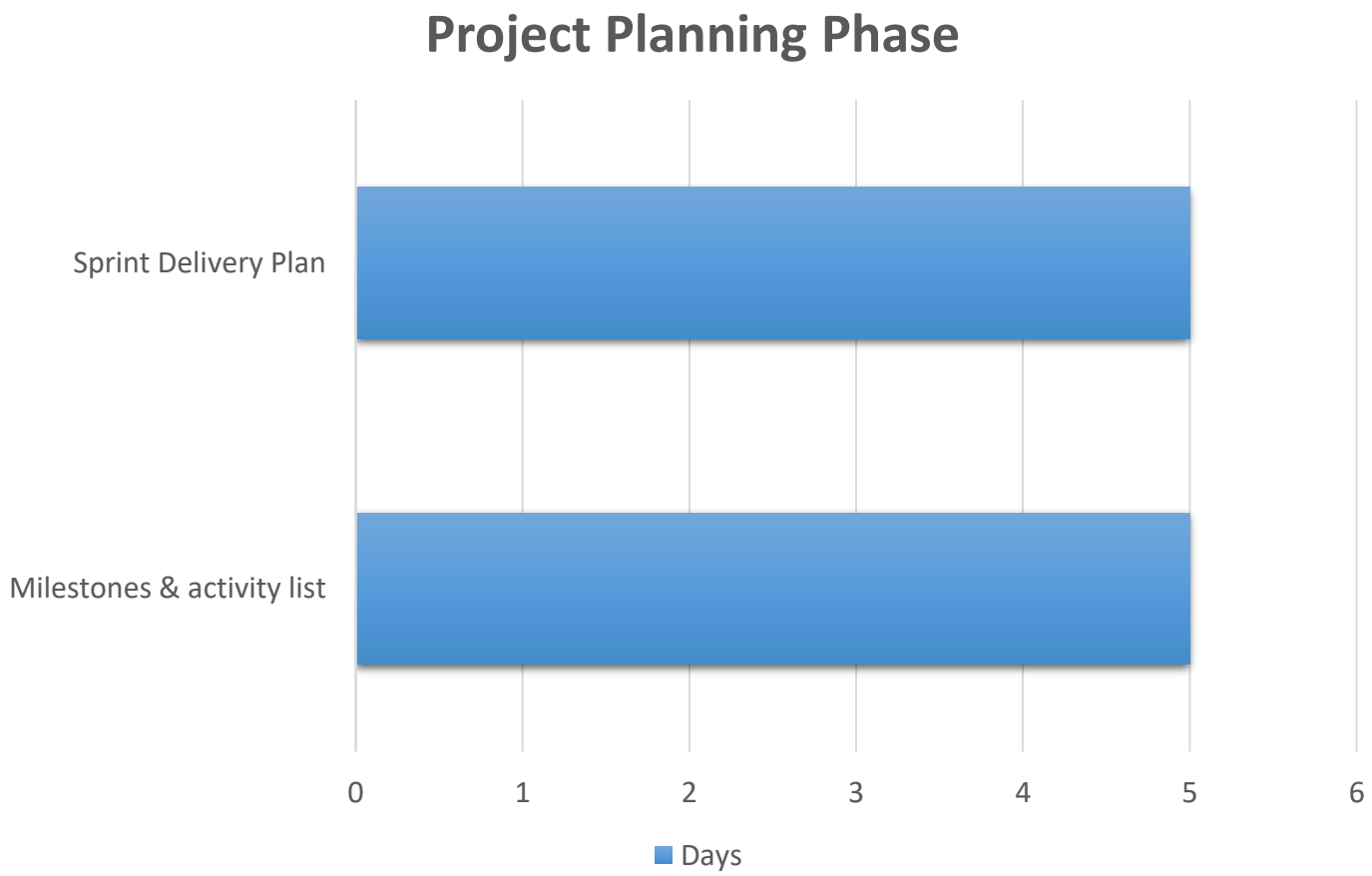
Project Planning Phase

17 – 22nd October

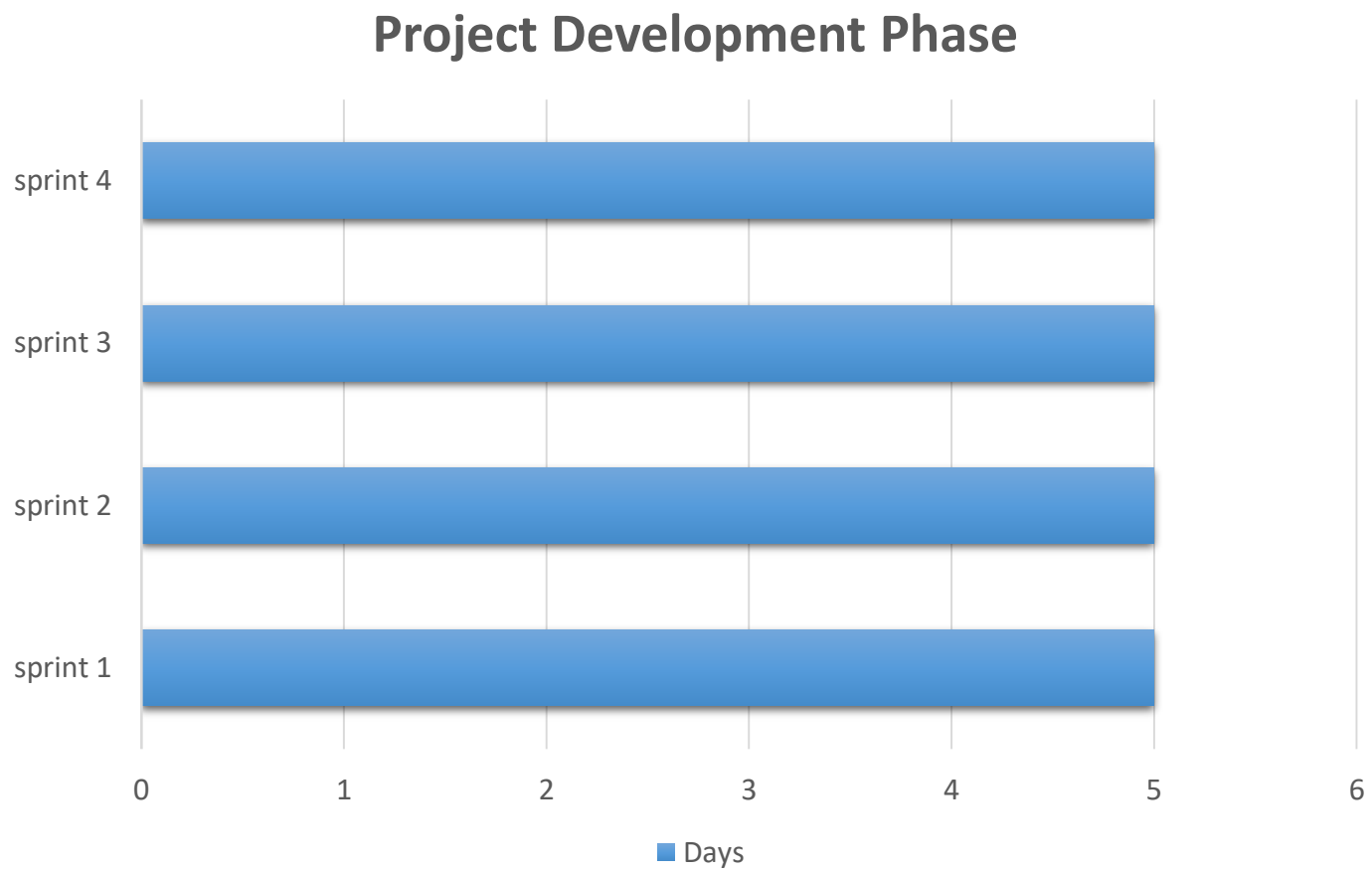
Project Planning Phase

Prepare Milestone & Activity List

Sprint Delivery Plan



Project Development Phase

24th October – 19th 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