# PROJECT DESIGN PHASE – II

# SOLUTION REQUIREMENTS

# (FUNCTIONAL & NON FUNCTIONAL)

| DATE | 20 OCTOBER 2022 |
|---|---|
| TEAM ID | PNT2022TMID42395 |
| PROJECT NAME | NUTRITION ASSISTANT APPLICATION |
| MAXIMUM MARKS | 4 MARKS |

**FUNCTIONAL REQUIREMENTS :**

FOLLWING ARE THE FUCTIONAL REQUIREMENTS OF THE PROPOSED SOLUTION.

| S.NO | FUNCTIONAL REQUIREMENT (EPIC) | SUB REQUIREMENT (STORY/SUB-TASK) |
|---|---|---|
| 1 | USER INTERFACE | HTML, CSS, JavaScript / Angular Js |
| 2 | APPLICATION LOGIC - 1 | Python |
| 3 | CLOUD DATABASE | IBM DB2, IBM Cloudant |
| 4 | FILE STORAGE | IBM Block Storage or Other Storage Service or Local File system |
| 5 | INFRASTRUCTURE (SERVER/CLOUD) | Local, Cloud Foundry, Kubernetes |

**NON FUNCTIONAL REQUIREMENTS :**

FOLLOWING ARE THE NON FUNCTIONAL REQUIREMENTS OF THE PROPOSED
SOLUTION.

| S.NO | NON FUCTIONAL REQUIREMENT | DESCRIPTION |
|---|---|---|
| 1 | USABILITY | Python flask |
| 2 | SECURITY | SHA-256, Encryptions, IAM Controls |
| 3 | SCALABILITY | IBM cloud, IBM database |
| 4 | AVAILABILITY | IBM cloud |
| 5 | PERFORMANCE | IBM cloud |