# Initial Project Planning Template

| | |
|---|---|
| Date | 15 March 2024 |
| Team ID | SWTID1720082030 |
| Project Name | Hydration Essentials: Classifying Water Bottle Images |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create a product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|---|---|---|---|---|---|---|---|
| Sprint 1 | Data Collection and Preprocessing | USN – 3 | Download the dataset | 11 | Nidhi | 1/7/24 | 2/7/24 |
| Sprint 1 | Image Preprocessing | USN – 3 | Import the ImageDataGenerator Library | 12 | Nidhi | 1/7/24 | 2/7/24 |
| Sprint 1 | Image Preprocessing | USN - 4 | Configure ImageDataGenerator Class | 13 | Rajiv | 1/7/24 | 2/7/24 |
| Sprint 1 | Image Preprocessing | USN - 4 | Apply ImageDataGenerator Functionality To Trainset And Testset | 1 | Rajiv | 1/7/24 | 2/7/24 |
| Sprint 2 | Model Building | USN - 4 | Import the model Buliding Libraries | 2 | Rajiv | 3/7/24 | 5/7/24 |
| Sprint 2 | Model Building | USN - 4 | Initializing the model | 3 | Rajiv | 3/7/24 | 5/7/24 |

| Sprint 2 | Model Building | USN - 2 | Adding CNN Layers | 4 | Avijit | 3/7/24 | 5/7/24 |
|---|---|---|---|---|---|---|---|
| Sprint 2 | Model Building | USN - 2 | Adding Dense Layers | 5 | Avijit | 3/7/24 | 5/7/24 |
| Sprint 2 | Model Building | USN - 2 | Train the model | 6 | Avijit | 3/7/24 | 5/7/24 |
| Sprint 2 | Model Building | USN – 1 | Save the Model | 9 | Vrinda | 3/7/24 | 5/7/24 |
| Sprint 2 | Model Building | USN – 1 | Test the Model | 10 | Vrinda | 3/7/24 | 5/7/24 |
| Sprint 3 | Application Building | USN – 1 | Create HTML pages | 7 | Vrinda | 7/7/24 | 9/7/24 |
| Sprint 3 | Application Building | USN - 3 | Build Flask Code | 8 | Nidhi | 7/7/24 | 9/7/24 |

Smart Internz

Pro     AVAILABLE: 0

## Profile
## Skill Bank
## Skill Wallet
## Skill Card
## Job Board
## Subscription
## Transactions

## DATA COLLECTION

| BACKLOG | IN-PROGESS | REVIEW | COMPLETE |
|---------|------------|--------|----------|
|         |            | TSK-46922   RD  NN  AD  VK |          |
|         |            | 1 : Download The Dataset |          |
|         |            | Progress(%):          90 |          |
|         |            | 💬 Comment |          |

Pro    AVAILABLE: 0

## IMAGE PREPROCESSING

**TSK-46923**    RD NN AD VK

1: Import The ImageDataGenerator Library

Progress(%):    90

💬 Comment

**TSK-46924**    RD NN AD VK

Configure ImageDataGenerator Class

Progress(%):    90

💬 Comment

**TSK-46925**    RD NN AD VK

3 :Apply ImageDataGenerator Functionality To Trainset And

### Profile
### Skill Bank
### Skill Wallet
### Skill Card
### Job Board
### Subscription
### Transactions

☰

👑 Pro    AVAILABLE: 0 🪙    🔔¹    ⚙️

## 3: MODEL BUILDING

| BACKLOG | IN-PROGESS | REVIEW | COMPLETE |
|---------|------------|--------|----------|

### BACKLOG

**TSK-46931**  RD NN AD VK

**6: Save The Model**

Progress(%):  `0`

💬 Comment

---

**TSK-46932**  RD NN AD VK

**7: Test The Model**

Progress(%):  `0`

💬 Comment

### IN-PROGESS

**TSK-46930**  RD NN AD VK

**5: Train The Model**

Progress(%):  `50`

💬 Comment

### REVIEW

**TSK-46926**  RD NN AD VK

**1 : Importing The Model Building Libraries**

Progress(%):  `90`

💬 Comment

---

**TSK-46927**  RD NN AD VK

**2 : Initializing The Model**

Progress(%):  `90`

💬 Comment

---

**TSK-46928**  RD NN AD VK

Activate Windows

## APPLICATION BUILDING

| BACKLOG | IN-PROGESS | REVIEW | COMPLETE |
|---------|------------|--------|----------|
| | | TSK-46933   RD NN AD VK | |
| | | **1 : Create HTML Pages** | |
| | | Progress(%): 90 | |
| | | Comment | |
| | | TSK-46934   RD NN AD VK | |
| | | **2 : Build Flask Code** | |
| | | Progress(%): 90 | |
| | | Comment | |

**Pro**  AVAILABLE: 0

Profile

Skill Bank

Skill Wallet

Skill Card

Job Board

Subscription

Transactions

Activate Windows