

## Initial Project Planning Template

|               |  |
|---------------|--|
| Date          | 15 March 2024  |
| Team ID       | SWUID20240034617   |
| Project Name  | CovidVision : Advanced COVID-19 Detection for Lung X-rays with Deep Learning |
| 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  | Story Points | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|----------------|-------------------------------|-------------------|--|--------------|----------|--------------|-------------------|---------------------------|
| COVID Sprint-1 | Data Collection               | COVID-8           | Download the dataset   | 1            | Medium   | Rachitha     | 07/07/2024        | 15/07/2024                |
| COVID Sprint-1 | Data Collection               | COVID-9           | Create Training and Testing Dataset                              | 2            | High     | Meghana      | 07/07/2024        | 15/07/2024                |
| COVID Sprint-2 | Image Preprocessing           | COVID-11          | Importing the libraries  | 1            | Low      | Meghana      | 08/07/2024        | 15/07/2024                |
| COVID Sprint-2 | Image Preprocessing           | COVID-12          | Configure Image DataGenerator Class                              | 2            | Medium   | Shanmuka     | 08/07/2024        | 15/07/2024                |
| COVID Sprint-2 | Image Preprocessing           | COVID-13          | Apply ImageDataGenerator Functionality To Train Set And Test Set | 2            | High     | Afrin        | 08/07/2024        | 15/07/2024                |

| <b>Sprint</b>  | <b>Functional Requirement (Epic)</b> | <b>User Story Number</b> | <b>User Story / Task</b>                     | <b>Story Points</b> | <b>Priority</b> | <b>Team Members</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> |
|----------------|--------------------------------------|--------------------------|--|---------------------|-----------------|---------------------|--------------------------|----------------------------------|
| COVID Sprint-3 | Model Building                       | COVID-15                 | Pre Trained CNN Model As a Feature Extractor | 2                   | High            | Rachitha            | 08/07/2024               | 15/07/2024                       |
| COVID Sprint-3 | Model Building                       | COVID-16                 | Adding Dense Layers                          | 1                   | High            | Afrin               | 08/07/2024               | 15/07/2024                       |
| COVID Sprint-3 | Model Building                       | COVID-17                 | Train the Model                              | 2                   | Low             | Meghana             | 08/07/2024               | 15/07/2024                       |
| COVID Sprint-4 | Application Building                 | COVID-19                 | Building HTML Pages                          | 2                   | Medium          | Shanmuka            | 10/07/2024               | 15/07/2024                       |
| COVID Sprint-4 | Application Building                 | COVID-20                 | Build Python Code                            | 1                   | High            | Rachitha            | 10/07/2024               | 15/07/2024                       |
| COVID Sprint-4 | Application Building                 | COVID-21                 | Run the Application                          | 2                   | High            | Afrin               | 10/07/2024               | 15/07/2024                       |