Project Planning Phase MILESTONE AND ACTIVITY LIST

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| --- | --- |
| Date | 20 October 2022 |
| Team ID | PNT2022TMID29985 |
| Project Name | Fertilizers Recommendation System for  Disease Prediction |
| Maximum Marks | 8 Marks |

Project Milestone and Tasks/Activities:

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| **Milestone** | **Task** | **Starting Date** | **Ending Date** | **Project Completion**  **Status** | **Team Members** |
| **Data Collection** | Create Train and Test Folders | 31 Oct  2022 | 01 Nov  2022 | 10% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
| **Image Preprocessing** | Import ImageDataGenerator Library and Configure It | 01 Nov  2022 | 01 Nov  2022 | 15% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
|  | Apply ImageDataGenerator Functionality to Train and Test Set | 02 Nov  2022 | 02 Nov  2022 | 25% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
| **Model Building** | Import the Required Model Building Libraries | 03 Nov  2022 | 03Nov 2022 | 27% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
|  | Initialize the Model  Add the Convolution Layer | 03 Nov  2022 | 03 Nov  2022 | 30% | Sonakshi,  Sindhu,  Jagathi,  Manusha |

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|  | Add the Pooling Layer Add the Flatten Layer  Adding the Dense Layers | 04 Nov  2022 | 04 Nov  2022 | 36% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
|  | Compile the Model  Fit and Save the Model | 05 Nov  2022 | 05 Nov  2022 | 45% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
| **Test the Model** | Import the Packages and Load the Saved Model  Load the Test Image, Pre-Process It and Predict | 06 Nov  2022 | 06 Nov  2022 | 50% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
| **Application Building** | Build a Flask Application part -1 | 07 Nov  2022 | 07 Nov  2022 | 60% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
|  | Build a Flask Application part -2 | 08 Nov  2022 | 08 Nov  2022 | 70% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
|  | Building Flask Application -Part 3 | 09 Nov  2022 | 09 Nov  2022 | 80% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
|  | Build the HTML Page Output | 10 Nov  2022 | 12 Nov  2022 | 90% | Sonakshi,  Sindhu,  Jagathi,  Manusha |
| **Train CNN Model on IBM** | Train image Classification Model | 13 Nov  2022 | 16 Nov 2022 | 100% | Sonakshi,  Sindhu,  Jagathi,  Manusha |