

**Project Planning Phase  
Milestone and Activity List**

|              |  |
|--------------|--|
| Date         | 21 October 2022                              |
| Team ID      | PNT2022TMID21122                             |
| Project Name | Estimate the Crop Yield using Data Analytics |

**Milestones and Activity List**

| S.no | Milestone                 | Activities   | Start Date  | End Date    |
|------|---------------------------|--|-------------|-------------|
| 1    | Solution Requirement      | Creating the IBM Cognos for creating dashboard and data visualization charts.  | 23-Aug-2022 | 27-Aug-2022 |
| 2    | Project Objectives        | Prepare the project objectives.  | 23-Aug-2022 | 27-Aug-2022 |
| 3    | Project Flow              | Prepare the project flow.  | 23-Aug-2022 | 27-Aug-2022 |
| 4    | IBM Cloud Account         | Creating IBM cloud account.  | 23-Aug-2022 | 27-Aug-2022 |
| 5    | IBM Cognos Analytics      | Creating IBM Cognos account.   | 23-Aug-2022 | 27-Aug-2022 |
| 6    | Working with the Dataset  | Understanding The Dataset Loading the Dataset.   | 24-Oct-2022 | 19-Nov-2022 |
| 7    | Data Visualization Charts | <ul style="list-style-type: none"> <li>Seasons With Average Productions</li> <li>With Years Usage of Area and Production</li> <li>Top 10 States with Most Area</li> <li>State With Crop Production</li> <li>States With the Crop Production Along with Season</li> </ul> | 24-Oct-2022 | 19-Nov-2022 |
| 8    | Creating the Dashboard    | Creating The Dashboard   | 24-Oct-2022 | 19-Nov-2022 |
| 9    | Export the Analytics      | Export The Analytics   | 24-Oct-2022 | 19-Nov-2022 |

| S.no | Milestone                 | Activities   | Start Date   | End Date     |
|------|---------------------------|--|--------------|--------------|
| 10   | Ideation Phase            | <ul style="list-style-type: none"> <li>Literature Survey on The Selected Project &amp;</li> <li>Information Gathering Prepare</li> <li>Empathy Map</li> <li>Ideation</li> </ul>  | 29-Aug-2022  | 17-Sept-2022 |
| 11   | Project Design Phase - I  | <ul style="list-style-type: none"> <li>Proposed Solution</li> <li>Problem Solution Fit</li> <li>Solution Architecture</li> </ul>   | 19-Sept-2022 | 01-Oct-2022  |
| 12   | Project Design Phase - II | <ul style="list-style-type: none"> <li>Customer Journey</li> <li>Functional Requirement</li> <li>Data Flow Diagrams</li> <li>Technology Architecture</li> </ul>  | 03-Oct-2022  | 15-Oct-2022  |
| 13   | Project Planning Phase    | <ul style="list-style-type: none"> <li>Prepare Milestone &amp; Activity List</li> <li>Sprint Delivery Plan</li> </ul>  | 17-Oct-2022  | 22-Oct-2022  |
| 14   | Project Development Phase | <ul style="list-style-type: none"> <li>Project Development - Delivery of Sprint-1</li> <li>Project Development - Delivery of Sprint-2</li> <li>Project Development - Delivery of Sprint-3</li> <li>Project Development - Delivery of Sprint-4</li> </ul> | 24-Aug-2022  | 19-Nov-2022  |