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| Date | 08.11.2022 |
| Team ID | PNT2022TMID30683 |
| Project Name | Estimate the Crop Yield using Data Analytics |
| Maximum marks | 8 marks |

**Project Planning Phase**

**Milestone and Activity List**

**Milestone and Activity List :**

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Milestone | Activities | Statues |
| 1. | Solution Requirement   |  | | --- | |  | | Creating the IBM cognos for creating dashboard and data visualization charts. | Completed |
| 2. | Project Objectives | Prepare the project objectives. | Completed |
| 3. | Project Flow | Prepare the Project Flow | Completed |
| 4. | IBM Cloud Account | Creating IBM Cloud account. | Completed |
| 5. | IBM Cognos Analytics | Creating IBM Cognos account. | Completed |
| 6. | Working with the Dataset | * Understanding Dataset. * Loading the Dataset. | Completed |
| 7. | Data visualization charts | * Season with average productions. * With years usage of area and production. * Top 10 States with most area. * State with crop production. * Stat with the crop production along with season. | Completed |
| 8. | Creating the dashboard | Creating the Dashboard. | Completed |
| 9. | Export the analytics | Export the analytics. | Completed |
| 10. | Ideation Phase | * Literature Survey on the selected project & information Gathering. * Empathy map. * Ideation. | Completed |
| 11. | Project Design Phase-I | * Proposed Solution * Problem Solution fit * Solution Architecture | Completed |
| 12. | Project Design Phase-II | * Customer Journey * Functional Requirement * Data Flow Diagram * Technology Architecture | Completed |
| 13. | Project Planning Phase | * Prepare Milestone & Activity List * Sprint delivery Plan | Completed |
| 14. | Project Development Phase | * Project Development - Delivery of sprint-1 * Project Development - Delivery of sprint-2 * Project Development - Delivery of sprint-3 * Project Development - Delivery of sprint-4 | Completed |