

Project Planning Phase

Project Planning Template (Milestone & Activity List)

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| Date | 17 October2022 |
| Team ID | PNT2022TMID49238 |
| Project Name | Retail Store Stock Inventory Analytics. |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| S.NO | MILESTONE | ACTIVITIES | DATE |
|------|-------------------|--------------------|-------------|
| 1. | Preparation Phase | Pre-requisites | 24 Aug 2022 |
| | | Prior knowledge | 25 Aug 2022 |
| | | Project Structure | 23 Aug 2022 |
| | | Project Flow | 23 Aug 2022 |
| | | Project Objectives | 22 Aug 2022 |
| | | Registrations | 26 Aug 2022 |
| | | IBM Cognos signin | 27 Aug 2022 |

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| 2. | Ideation Phase | Literature Survey | 29 Aug 2022 - 03 Sept 2022 |
| | | Empathy Map | 05 Sept 2022 - 7 Sept 2022 |
| | | Problem Statement | 08 Sept 2022 - 10 Sept 2022 |
| | | Ideation | 12 Sept 2022 - 16 Sept 2022 |

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| 3. | Project Design Phase -I | Proposed Solution | 19 Sept 2022 - 23 Sept 2022 |
| | | Problem Solution Fit | 24 Sept 2022 - 26 Sept 2022 |
| | | Solution Architecture | 27 Sept 2022 - 30 Sept 2022 |

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| 4. | Project Design Phase -II | Customer Journey | 03 Oct 2022 - 08 Oct 2022 |
| | | Requirement Analysis | 09 Oct 2022 - 11 Oct 2022 |
| | | Data Flow Diagrams | 11 Oct 2022 - 14 Oct 2022 |
| | | Technology Architecture | 15 Oct 2022 - 16 Oct 2022 |

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| 5. | Project Planning Phase | Milestones & Tasks | 17 Oct 2022 - 18 Oct 2022 |
| | | Sprint Schedules | 19 Oct 2022 - 22 Oct 2022 |

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| 6. | Project Development Phase | Sprint-1 | 24 Oct 2022 - 30 Oct 2022 |
| | | Sprint-2 | 30 Oct 2022 - 05 Nov 2022 |
| | | Sprint-3 | 06 Nov 2022- 12 Nov 2022 |
| | | Sprint-4 | 13 Nov 2022 - 18 Nov 2022 |

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| Sprint | Sprint-1 | <ul style="list-style-type: none"> • Download the Dataset • Register IBM Cognos • Login • Working with dataset • Upload the dataset | 24 Oct 2022 – 30 Oct 2022 |
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| | Sprint – 2 | <ul style="list-style-type: none"> • Fetch dta from external API(Kaggle API) • IBM DB2 Service creation and DB2 Connectivity with cognos. • There have various data types. Then we analyzing the basic metrics • Using Visualization tools like line chart..etc.. | 30 Oct 2022 – 05 Nov 2022 |
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| | Sprint – 3 | <ul style="list-style-type: none"> • Year Wise Price Using Line Graph • Year Wise Stock Using Line Graph • Top10 Sales By Year Using Line Graph • Top10 Price by Year Using Line Graph • Monthly Stock Using Heat Map • Monthly Sales Using Tree Map • Monthly Price by Pie Char • Dashboard Creation | 06 Nov 2022 –11 Nov 2022 |
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| | Sprint – 4 | <ul style="list-style-type: none"> • Summary Cards of Total Sales, Stock, Price • Report | 13 Nov 2022 –18 Nov 2022 |
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