**Project Initialization and Planning Phase**

| Date | 29 September 2025 |
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| Team ID | SWUID20250181744 |
| Project Name | Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI |
| Maximum Marks | 3 Marks |

**Define Problem Statements (Customer Problem Statement):**

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| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| **PS-1** | I’m an agriculture strategy manager at a Company | Get a clear, big-picture view of how global food production has changed over the past 60 years especially for rice, wheat, maize, and other key crops | The data I have is scattered across different sources and formats, and it’s really hard to pull everything together | The information covers too many years, regions, and commodities to analyze manually or through simple charts | Frustrated that I can’t easily uncover trends or use the data to plan long-term strategies |
| **PS-2** | I’m a business analyst in our supply-chain team | Build easy-to-understand reports that highlight where production is rising or falling | Most of the tools I have are static spreadsheets, no filters, nothing interactive | My managers want quick insights and visual dashboards to help with forecasting | Stressed because I spend too much time cleaning data instead of analyzing it |
| **PS-3** | I’m a policy and decision making lead in the research division | Use real data to guide sustainable agriculture policies and investment decisions | I don’t have a single dashboard that shows reliable, up-to-date production information in one place | We rely on multiple disconnected reports that don’t tell the full story | Concerned that I might make decisions based on incomplete or outdated information |