**Project Initialization and Planning Phase**

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| Date | 15 June 2024 |
| Team ID | 739820 |
| Project Name | Predicting the Unpredictable: A Look into the World of Powerlifting |
| Maximum Marks | 3 Marks |

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

Powerlifting, a strength sport consisting of three attempts at maximal weight on three lifts: squat, bench press, and deadlift, is characterized by its unpredictable nature. Athletes’ performances are influenced by a multitude of factors, including training regimen, nutrition, psychological state, and even external conditions on competition day. Despite advancements in sports science, accurately predicting outcomes in powerlifting competitions remains a significant challenge.

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| **Problem**  **Statement**  **(PS)** | **I am**  **(Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | A powerlift coach | Predict the performance of my athletes | The sport is highly unpredictable | Various factors influence performance | Challenged, as precise prediction is difficult |