**Initial Project Planning Template**

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| Date | 15 JULY 2024 |
| Team ID | 739826 |
| Project Name | View count visionary:data driven approach to forecasting youtube videos views project |
| Maximum Marks | 4 Marks |

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

The product backlog is a prioritized list of all the features, functionalities, and tasks that need to be completed for the "View Count Visionary" project

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| Sprint-1 | |  | | --- | | Data collection  and prepartion | | US-1 | |  |  | | --- | --- | | Gather historical view count data | | |  | | 5 | High | Arihanth,  dithvika |  |  |
| Sprint-1 | Data collection and prepartion | US-2 | Cleaning and preprocess YouTube data | 8 | high | Reshma  ,madhav |  |  |
| Sprint-1 | Data exploration and feature engineering | US-3 | Explore data and create features | 8 | medium | Arihanth,  dithvika |  |  |
| Sprint-2 | Model buliding | US-4 | Bulid initial forecasting model | 8 | high | Reshma,  Arihanth ,dithvika |  |  |
| Sprint-2 | Model evaluation and optimization | US-5 | Evaluate model performance | 5 | high | Arihanth,  Dithvika,  Reshma |  |  |