**Initial Project Planning Report**

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| Date | 20-05-2024 |
| Team ID | 740026 |
| Project Name | Optimizing Sleep Efficiency: Harnessing Machine Learning For Enhanced Restorative Rest |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation**

Use the below template to create a product backlog and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement**  **(Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Priority** | **Team**  **Members** | **Sprint Start**  **Date** | **Sprint End Date**  **(Planned)** |
| Sprint-1 | Data Collection and Preprocessing | SL-3 | Understanding & loading data | Low | Mateti Suma | 2024/03/15 | 2024/03/22 |
| Sprint-1 | Data Collection and Preprocessing | SL-4 | Data cleaning | High | Mateti Suma | 2024/03/15 | 2024/03/22 |
| Sprint-1 | Data Collection and Preprocessing | SL-5 | EDA | Medium | Mateti Suma | 2024/03/15 | 2024/03/22 |
| Sprint-4 | Project Report | SL-20 | Report | Medium | Mateti Suma | 2024/03/15 | 2024/04/12 |
| Sprint-2 | Model  Development | SL-8 | Training the model | Medium | Mateti Suma | 2024/03/22 | 2024/03/29 |
| Sprint-2 | Model  Development | SL-9 | Evaluating the model | Medium | Mateti Suma | 2024/03/22 | 2024/03/29 |
| Sprint-2 | Model tuning and  testing | SL-13 | Model tuning | High | Mateti Suma | 2024/03/22 | 2024/03/29 |
| Sprint-2 | Model tuning and  testing | SL-14 | Model testing | Medium | Mateti Suma | 2024/03/22 | 2024/03/29 |
| **Sprint** | **Functional**  **Requirement**  **(Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Priority** | **Team**  **Members** | **Sprint Start**  **Date** | **Sprint End Date**  **(Planned)** |
| Sprint-3 | Web integration and Deployment | SL-16 | Building HTML  templates | Low | Mateti Suma | 2024/03/29 | 2024/04/05 |
| Sprint-3 | Web integration and Deployment | SL-17 | Local deployment | Medium | Mateti Suma | 2024/03/29 | 2024/04/05 |