**Initial Project Planning Report**

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| Date | 19-06-2024 |
| Team ID | SWTID1720596651 |
| Project Name | CodeXchange: An Al-Powered Code Translator Tool using Palm's chat-bison-001 |
| 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 | Sharath, Madhulika | 2024/07/12 | 2024/07/20 |
| Sprint-1 | Data Collection and Preprocessing | SL-4 | Data cleaning | High | Vishnu | 2024/07/15 | 2024/07/20 |
| Sprint-1 | Data Collection and Preprocessing | SL-5 | EDA | Medium | Aditya | 2024/07/17 | 2024/07/22 |
| Sprint-4 | Project Report | SL-20 | Report | Medium | Madhulika, Vishnu | 2024/07/19 | 2024/07/24 |
| Sprint-2 | Model  Development | SL-8 | Training the model | Medium | Madhulika | 2024/07/19 | 2024/07/24 |
| Sprint-2 | Model  Development | SL-9 | Evaluating the model | Medium | Sharath | 2024/07/19 | 2024/07/24 |
| Sprint-2 | Model tuning and  testing | SL-13 | Model tuning | High | Aditya | 2024/07/19 | 2024/05/24 |
| Sprint-2 | Model tuning and  testing | SL-14 | Model testing | Medium | Sharath | 2024/07/19 | 2024/07/24 |
| Sprint-3 | Web integration and Deployment | SL-16 | Building HTML  templates | Low | Vishnu | 2024/07/25 | 2024/07/26 |
| Sprint-3 | Web integration and Deployment | SL-17 | Local deployment | Medium | Madhulika | 2024/07/25 | 2024/07/26 |