Initial Project Planning Report

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| Date | 28-09-2024 |
| Team ID | LTVIP2024TMID24963 |
| Project Name | Time Series Analysis For Bitcoin Price Pridiction |
| Maximum Marks | 4 Marks |

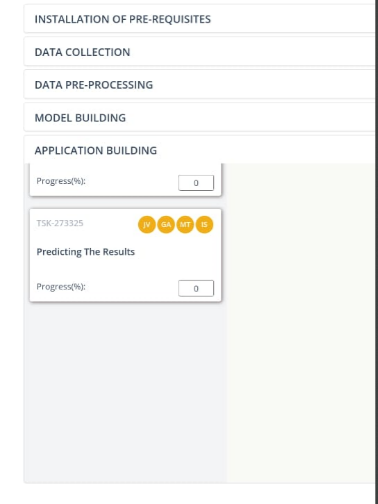
**Product Backlog, Sprint Schedule, and Estimation**

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

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| **TASKS** | **Functional**  **Requirement (Epic)** | **User Story**  **Number/**  **Task no** | **User Story / Task** | **Priority** | **Team**  **Members** | **Task Start Date** | **Task End Date (Planned)** |
| Task-1 | Installation of prerequisitess | TSk-273310 | Install anaconda | Low | Sai Tejasvi | 2024/09/20 | 2024/09/22 |
| Task-1 |  | Tsk-  273311 | Install py pakages | low | Sai Tejasvi | 2024/09/20 | 2024/09/22 |
| Task-2 | Data collection | Tsk-273312 | Download dataset | low | Sai Tejasvi |  |  |
| Task-3 | Data  preprocessing | TSK-273313 | Importing the libraries | Low | Sai Tejasvi | 2024/09/20 | 2024/09/22 |
| Task-3 |  | TSK-273314 | Read the dataset | Medium | Tejaswini | 2024/09/24 | 2024/09/29 |
| Task-3 |  | TSK-273315 | Univariant analysis | Medium | Tejaswini | 2024/09/24 | 2024/09/29 |
| Task-3 |  | TSK-273317 | Bi variant analysis | Medium | Abhiram | 2024/09/24 | 2024/09/29 |

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Priority** | **Team**  **Members** | **Task Start Date** | **Task End Date (Planned)** |
| Task-4 | Model Building | TSK-273318 | Random forest | High | Abhiram | 2024/10/07 | 2024/10/08 |
| Task-4 | Model Building | TSK-273319 | Xgboost Model | High | Venkata Sai Tejas | 2024/10/08 | 2024/10/08 |
| Task-4 | Model Building | TSK-273320 | Compare the model | low | Venkata Sai Tejas | 2024/10/09 | 2024/10/08 |
| Task-4 | Model Building | TSK-273321 | Evaluating performance of the model and saving the model | low | Venkata Sai Tejas | 2024/10/09 | 2024/10/08 |
| Task-5 | Application building | TSK-273322 | Building the html pages | high | Venkata Sai Tejas | 2024/10/09 | 2024/10/13 |
| Task-5 | Application building | TSK-273323 | Build python code | high | Venkata Sai Tejas | 2024/10/10 | 2024/10/15 |
| Task-5 | Application building | 273325 | Predicting the result | high | Venkata Sai Tejas | 2024/10/10 |  |

**Screenshots:**

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