

Initial Project Planning Template

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| Date | 26 September 2024 |
| Team ID | LTVIP2024TMID24838 |
| Project Name | Detection of Phishing Websites from URLs |
| Maximum Marks | 4 Marks |

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

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

| Sprint | Functional Requirement (Epic) | User Story / Task | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|----------|--|---|----------|----------------|-------------------|---------------------------|
| Sprint-1 | Data Collection and loading | Collecting the dataset from the source. Understanding & loading data | Medium | Kavya, Sridhar | 28/9/24 | 28/9/24 |
| Sprint-1 | Visualizing and analysis of data | Visualizing and Analysing the data in the dataset using correlation and bivariate, univariate and multivariate analysis | Medium | Ramanjaneyulu | 29/9/24 | 30/9/24 |
| Sprint-1 | Data processing | Processing and cleaning the data to use for the model. | Low | Mahalaxmi | 30/9/24 | 30/9/24 |
| Sprint-1 | Splitting the data for training and testing. | Using train test split to train and test the data in the dataset to be used by the model. | Low | Sridhar | 30/9/24 | 30/9/24 |
| Sprint-2 | Model Building | Performing Random Forest model on the dataset | High | Sridhar | 1/10/24 | 2/10/24 |
| Sprint-2 | Model Building | Performing KNN model on the dataset | High | Mahalaxmi | 1/10/24 | 2/10/24 |
| Sprint-2 | Model Building | Performing Logistic Regression model on the dataset | High | Kavya | 1/10/24 | 2/10/24 |

| Sprint | Functional Requirement (Epic) | User Story / Task | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|---------------|--------------------------------------|---|-----------------|---------------------|--------------------------|----------------------------------|
| Sprint-2 | Model Building | Performing Decision Tress Classification model on the dataset | High | Ramanjaneyulu | 1/10/24 | 2/10/24 |
| Sprint-3 | Model testing | Performance of the all used models are tested using accuracy score,f1-score,r2 score etc. | Medium | Ramanjaneyulu | 3/10/24 | 3/10/24 |
| Sprint-3 | Hyper parameter tuning and testing | Performing hyper parameter tuning to find out the most suitable machines and testing | Medium | Kavya , Sridhar | 3/10/24 | 5/10/24 |
| Sprint-3 | Model Evaluation and Selection | Evaluating and Selecting an appropriate model for the performance. | Medium | Kavya | 5/10/24 | 5/10/24 |
| Sprint-4 | Web integration and deployment | Building HTML page | Medium | Mahalaxmi | 4/10/24 | 5/10/24 |
| Sprint-5 | Model Deployment | Deploying the selected model using pickle for prediction. | low | Kavya | 5/10/24 | 5/10/24 |