

Initial Project Planning Template

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|---------------|--|
| Date | 09 July 2024 |
| Team ID | SWTID1720013031 |
| Project Name | Prediction and Analysis of Liver Patient Data Using Machine Learning |
| 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 Number | User Story / Task | Story Points | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|----------|-------------------------------|-------------------|---|--------------|----------|--------------|-------------------|---------------------------|
| Sprint-1 | Data Collection | PALPDUML-2 | Collect the Dataset or Create the Dataset | 2 | High | Lalith Kumar | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-4 | Importing the Libraries | 1 | Medium | Lalith Kumar | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-5 | Reading the Dataset | 2 | Medium | Lalith Kumar | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-6 | Exploratory Data Analysis | 1 | Medium | Chidvilasini | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-7 | Checking For Null Values and Handling Null Values | 1 | Medium | Giri Prasad | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-8 | Data Visualization | 2 | Low | Vaishnavi | 2024/07/08 | 2024/07/09 |

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|---------------|--------------------------------------|--------------------------|--|---------------------|-----------------|---------------------|--------------------------|----------------------------------|
| Sprint-2 | Data Pre-Processing | PALPDUML-9 | Splitting The Dataset Into Dependent And Independent Variable | 1 | Medium | Chidvilasini | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Data Pre-Processing | PALPDUML-10 | Split The Dependent And Independent Features Into Train Set And Test Set | 1 | Medium | Lalith Kumar | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Model Building | PALPDUML-13 | Train And Test The Model Using Classification Algorithms | 3 | High | Vaishnavi | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Model Building | PALPDUML-14 | Model Evaluation | 2 | Medium | Lalith Kumar | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Model Building | PALPDUML-15 | Save The Model | 1 | Medium | Vaishnavi | 2024/07/09 | 2024/07/10 |
| Sprint-3 | Application Building | PALPDUML-16 | Create an HTML file | 3 | Low | Giri Prasad | 2024/07/10 | 2024/07/11 |
| Sprint-3 | Application Building | PALPDUML-17 | Build a Python Code | 3 | High | Giri Prasad | 2024/07/10 | 2024/07/11 |
| Sprint-3 | Application Building | PALPDUML-18 | Run the app | 2 | Medium | Giri Prasad | 2024/07/10 | 2024/07/11 |
| Sprint-4 | Project Report | PALPDUML-20 | Final Report | 3 | High | Chidvilasini | 2024/07/11 | 2024/07/12 |

Screenshot:


| | JUN | JUL | AUG |
|--|-----|---|-----|
| Sprints | | PA... | |
| >  PALPDUML-1 Data Collection | |  | |
| >  PALPDUML-3 Data Pre-Processing | |  | |
| >  PALPDUML-11 Model Building | | | |
| >  PALPDUML-12 Application Building | | | |
| >  PALPDUML-19 Project Report | | | |
| + Create Epic | | | |

>  PALPDUML Sprint 2(Day 2) ...


ACTIVE SPRINT

Sprint goal goes here

Sprint start Sprint end
2024/07/09 2024/07/10

>  PALPDUML Sprint 3(Day 3) ...

ACTIVE SPRINT

>  PALPDUML Sprint 4(Day 4) ...

ACTIVE SPRINT

Prediction and Analysis ...
Software project

PLANNING

Timeline

Backlog

Board

+ Add view

DEVELOPMENT

Code

Project pages

Project settings

Projects / Prediction and Analysis of Liver Patient Data Using Machine Learning

All sprints

Search

LS

GM

CN

LS

GM

CN

Epic

Sprint

TO DO 2

Save The Model

MODEL BUILDING

PALPDUML-15

Run the app

APPLICATION BUILDING

PALPDUML-18

+ Create issue

IN PROGRESS 7

Splitting The Dataset Into
Dependent And Independent
Variable

DATA PRE-PROCESSING

PALPDUML-9

Split The Dependent And
Independent Features Into Train
Set And Test Set

DATA PRE-PROCESSING

PALPDUML-10

Train And Test The Model Using
Classification Algorithms

MODEL BUILDING

PALPDUML-13

Model Evaluation

MODEL BUILDING

PALPDUML-14

Create an HTML file

APPLICATION BUILDING

PALPDUML-16

Build a Python Code

APPLICATION BUILDING

PALPDUML-17

Final Report

PROJECT REPORT

PALPDUML-20

DONE 6

Collect The Dataset Or Create
The Dataset

DATA COLLECTION

PALPDUML-2

Importing The Libraries

DATA PRE-PROCESSING

PALPDUML-4

Reading The Dataset

DATA PRE-PROCESSING

PALPDUML-5

Exploratory Data Analysis

DATA PRE-PROCESSING

PALPDUML-6

Checking For Null Values And
Handling Null Values

DATA PRE-PROCESSING

PALPDUML-7

Data Visualization

DATA PRE-PROCESSING

PALPDUML-8



Complete sprint



GROUP BY

None

Import work

Insights

View settings