

Initial Project Planning Template

Date	4 June 2024
Team ID	SWTID1720076203
Project Name	Anemia Sense: Leveraging Machine Learning For Precise Anemia Recognitions
Maximum Marks	4 Marks

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

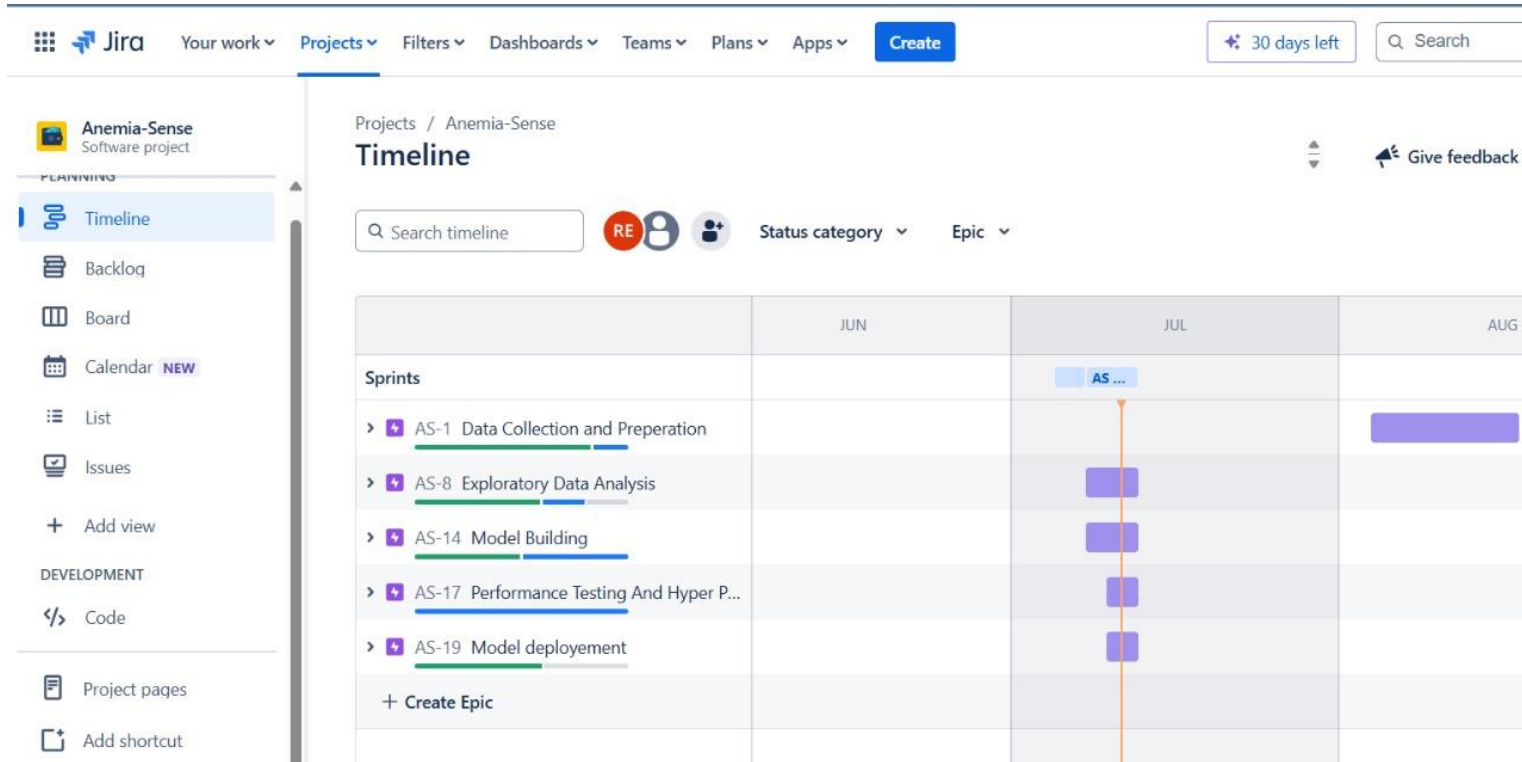
Use the below template to create a product backlog and sprint schedule

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 and Preparation	AS-1	Collect the data	2	High	Avishi	05/07/24	05/07/24
Sprint-1	Data Collection and Preparation	AS-2	Importing the libraries	1	High	Avishi	05/07/24	05/07/24
Sprint-1	Data Collection and Preparation	AS-3	Read the dataset	2	Low	Avishi	05/07/24	05/07/24
Sprint-1	Data Collection and Preparation	AS-5	Data Preparation and handling imbalanced values	2	Medium	Avishi	05/07/24	05/07/24

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-2	Exploratory Data Analysis	AS-8	Visual Analysis of data	1	High	Anagha	08/07/24	10/07/24
Sprint-2	Exploratory Data Analysis	AS-9	Descriptive statistical	2	Medium	Anagha	08/07/24	10/07/24
Sprint-2	Exploratory Data Analysis	AS-11	Univariate Analysis	2	Medium	Anagha	08/07/24	10/07/24
Sprint-2	Exploratory Data Analysis	AS-13	Splitting Data into Train and Test	2	High	Anagha	08/07/24	10/07/24
Sprint-3	Model Building	AS-15	Testing the model	2	High	Avishi	10/07/24	11/07/24
Sprint-3	Model Building	AS-16	Training the model	2	High	Avishi	10/07/24	11/07/24
Sprint-4	Performance Testing Hyper Parameter Tuning	AS-17	Testing Model with mutliple evaluation metrics	2	Medium	Avishi	10/07/24	11/07/24
Sprint-5	Model Deployment	AS-20	Save the best model	3	High	Meghana	10/07/24	11/07/24
Sprint-5	Model Deployment	AS-21	Build HTML pages	3	Medium	Rishitha	10/07/24	12/07/24
Sprint-5	Model Deployment	AS-22	Build Python code	3	High	Meghana	10/07/24	12/07/24
Sprint-5	Model Deployment	AS-23	Integrate with web framework	3	High	Meghana	10/07/24	12/07/24
Sprint-5	Model Deployment	AS-24	Run the web application	1	Low	Meghana	10/07/24	12/07/24

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-6	Project Initial report	AS-25	Problem statement	2	high	Rishitha	10/07/24	12/07/24
Sprint-6	Project Initial report	AS-26	Project proposal	2	High	Rishitha	10/07/24	12/07/24
Sprint-6	Project Initial report	AS-27	Project Planning	3	medium	Rishitha	10/07/24	12/07/24
Sprint-7	Final report	AS-28	Detailed report on the project	3	medium	Everyone	08/07/24	12/07/24

Screenshots:





The screenshot displays the Jira interface for the 'Anemia-Sense' software project. The top navigation bar includes 'Jira', 'Your work', 'Projects', 'Filters', 'Dashboards', 'Teams', 'Plans', 'Apps', and a 'Create' button. A '30 days left' indicator and a search bar are also present.

The left sidebar shows the project navigation menu with options like 'Timeline', 'Backlog', 'Board', 'Calendar', 'List', 'Issues', and 'Add view'. The 'Timeline' view is currently selected.

The main content area shows the 'Timeline' view for the 'Anemia-Sense' project. It includes a search bar, filters for 'Status category' and 'Epic', and a calendar grid for June, July, and August. The timeline displays several sprints and their durations:

- Sprints:**
 - AS-1 Data Collection and Preperation (June 1 - June 15)
 - AS-8 Exploratory Data Analysis (July 1 - July 15)
 - AS-14 Model Building (July 1 - July 15)
 - AS-17 Performance Testing And Hyper P... (July 1 - July 15)
 - AS-19 Model deployment (July 1 - July 15)
- Create Epic:** A button to create a new epic is located at the bottom of the timeline.

 Jira Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Plans ▾ Apps ▾ [Create](#)

 **Anemia-Sense**
Software project

PLANNING

[Timeline](#)

[Backlog](#)

[Board](#)

[Calendar](#) NEW

[List](#)

[Issues](#)

[+ Add view](#)

DEVELOPMENT

[Code](#)

[Project pages](#)

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You're in a team-managed project

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Projects / Anemia-Sense

All sprints

RE Epic ▾ Sprint ▾

GROUP BY None ▾ [Insights](#) [View settings](#)

TO DO 3

Splitting Data into Train and Test
EXPLORATORY DATA ANALYSIS

AS-13

Save the best Model
MODEL DEPLOYMENT

AS-20

Integrate with web framework
MODEL DEPLOYMENT

AS-23

[+ Create issue](#)

IN PROGRESS 4

Handling Imbalanced Values
DATA COLLECTION AND PREPERATION

AS-7

Multivariate Analysis
EXPLORATORY DATA ANALYSIS

AS-12

Training The Model in Multiple algorithms
MODEL BUILDING

AS-15

Testing Model with mutiple evaluation matrices
PERFORMANCE TESTING AND HYPER PA...

AS-18

DONE 12 ✓

Handling Missing Values
DATA COLLECTION AND PREPERATION

AS-6 ✓

Visual Analysis
EXPLORATORY DATA ANALYSIS

AS-10 ✓

Univariate Analysis
EXPLORATORY DATA ANALYSIS

AS-11 ✓

Collect the DataSet
DATA COLLECTION AND PREPERATION

AS-2 ✓

[Complete sprint](#)

[Quickstart](#)