

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	19 FEB 2026
Team ID	LTVIP2026TMIDS24308
Project Name	iRevolution : A data-driven exploration of Apple's iPhone impact in India using Tableau
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Define Problem/problem understanding	IRT-2	Specify the Business Problem.	2	Medium	Shrirang Bondre
Sprint-1		IRT-3	Business Requirement	2	Medium	Ashish Kumar
Sprint-1		IRT-4	Literature Survey	1	Medium	Shrirang Bondre
Sprint-1		IRT-5	Social or Business Impact	1	Medium	Ashish Kumar
Sprint-1	Data collection and Preparation	IRT-7	Collect the dataset	2	High	Shrirang Bondre
Sprint-1		IRT-8	Connect datasets with Tableau	1	High	Ashish Kumar
Sprint-2	Data Preparation	IRT-10	Prepare the Data for Visualization	3	Medium	Shrirang Bondre
Sprint-2		IRT-11	Handling missing values	3	High	Ashish Kumar
Sprint-2		IRT-12	Creating Fields	3	Low	Shrirang Bondre
Sprint-2		IRT-13	Handling data inconsistencies	3	High	Ashish Kumar

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-3	Data Visualization	IRT-15	No of Unique Visualizations	3	Medium	Shrirang Bondre
Sprint-3		IRT-16	KPI	2	Medium	Shrirang Bondre
Sprint-3		IRT-17	Text Table	2	Medium	Shrirang Bondre
Sprint-3		IRT-18	Bar Chart	2	Medium	Shrirang Bondre
Sprint-3		IRT-19	Bubble Chart	2	High	Ashish Kumar
Sprint-3		IRT-20	Donut Chart	2	High	Ashish Kumar
Sprint-3		IRT-21	Line Chart	2	High	Shrirang Bondre
Sprint-3		IRT-22	Treemap	3	High	Ashish Kumar
Sprint-3		IRT-23	Map	5	High	Ashish Kumar
Sprint-4	Dashboard	IRT-25	Responsive and Design of Dashboard	5	High	Ashish Kumar
Sprint-4	Story	IRT-27	No of Scenes of Story	5	High	Ashish Kumar
Sprint-4	Performance Testing	IRT-29	Utilization of Filters	2	Medium	Shrirang Bondre
Sprint-4		IRT-30	Calculation Fields	1	Low	Shrirang Bondre
Sprint-4		IRT-31	No of visualizations/Graphs	2	Medium	Shrirang Bondre
Sprint-4	Publishing	IRT-34	Publishing Project	5	High	Ashish Kumar
Sprint-4	Project Demonstration & Documentation	IRT-35	Project Demo & Report	3	High	Ashish Kumar
Sprint-4		IRT-36	Final Report	5	High	Shrirang Bondre

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	9	1 Days	20 July 2025	21 July 2025	9	21 July 2025
Sprint-2	12	1 Days	21 July 2025	22 July 2025	12	22 July 2025
Sprint-3	23	6 Days	22 July 2025	23 July 2025	23	23 July 2025
Sprint-4	28	6 Days	23 July 2025	24 July 2025	28	30 July 2025

**Total Story Points**

Sprint 1 = 9

Sprint 2 = 12

Sprint 3 = 23

Sprint 4 = 28

Velocity= Total Story Points Completed / Number of Sprints

Total story Points= 9+12+23+28= 72

No of Sprints= 4

**Velocity =72/4**

18(Story Points per Sprint)

**My team's velocity is 18 Story Points per Sprint.**

**AVERAGE VELOCITY:**

**Avg velocity = velocity / sprint duration = 18/5 = 3.6**

## Burndown Chart:

## Sprint 1

Projects

iRevolution using Tableau

Board

Summary Timeline Backlog Calendar List Forms Goals All work Development Code More

Search board Filter

IN PROGRESS

DONE 6 ✓

Social or Business Impact  
DEFINE PROBLEM/ PROBLEM UNDERST...  
IHT-5 ✓ 1 AK

Collect the dataset  
DATA COLLECTION AND PREPARATION  
IHT-7 ✓ 2 SB

Connect datasets with Tableau  
DATA COLLECTION AND PREPARATION  
IHT-8 ✓ 1 AK

0 points done, 9 points to go

Remaining work Guideline

Your sprint scope has increased by **9 points**

Added + 9 points Removed 0 points Modified 0 points  
↑ 6 work items ↓ 0 work items ▲ 0 work items

## Projects

iRevolution using Tableau

Summary Timeline Backlog Board Calendar List Forms Goals All work Development Code More

Search backlog

Sprint 1 20 Jul – 21 Jul (6 work items) Complete sprint

	Task Description	Status	Progress	Owner
	IRT-2 Specify the Business Problem	DEFINE PROBLEM/ PR...	DONE	
	IRT-3 Business Requirements	DEFINE PROBLEM/ PR...	DONE	
	IRT-4 Literature Survey	DEFINE PROBLEM/ PR...	DONE	
	IRT-5 Social or Business Impact	DEFINE PROBLEM/ PR...	DONE	
	IRT-7 Collect the dataset	DATA COLLECTION AN...	DONE	
	IRT-8 Connect datasets with Tableau	DATA COLLECTION AN...	DONE	

+ Create

## Sprint 2

Projects

iRevolution using Tableau

Summary Timeline Backlog Board Calendar List Forms Goals All work Development Code More +

Search board Filter Complete sprint Group

IN PROGRESS

DONE 4 ✓

Prepare the Data for Visualization  
DATA PREPARATION

IRT-10 ✓ 3 SB

Handling missing values  
DATA PREPARATION

IRT-11 ✓ 3 AK

Handling data inconsistencies  
DATA PREPARATION

IRT-13 ✓ 3 AK

Creating Fields  
DATA PREPARATION

IRT-12 ✓ 3 SB

100% U% U%

Sprint burndown

0 points done, 25 points to go

Jul 21 Jul 23 Jul 25 Jul 27 Jul 29 Jul 30

Remaining work Guideline

Your sprint scope has increased by 25 points

Added: +25 points Removed: 0 points Modified: 0 points

↑ 10 work items ↓ 0 work items ⚠ 0 work items

The screenshot displays a project management interface for a sprint cycle. At the top, the project name "iRevolution using Tableau" is shown along with navigation links for Summary, Timeline, Backlog, Board (which is selected), Calendar, List, Forms, Goals, All work, Development, Code, More, and a plus sign for new items. Below the header, there's a search bar, filter options, and buttons for "Complete sprint" and "Group". The main area is divided into columns: "IN PROGRESS" and "DONE". Under "IN PROGRESS", four tasks are listed under the category "DATA PREPARATION": "Prepare the Data for Visualization" (IRT-10, 3 points, SB), "Handling missing values" (IRT-11, 3 points, AK), "Handling data inconsistencies" (IRT-13, 3 points, AK), and "Creating Fields" (IRT-12, 3 points, SB). Each task card includes a checkmark icon and a small circular badge with initials. To the right of the tasks is a vertical progress bar with markers for 100%, U%, and U%. Below the tasks is a "Sprint burndown" chart showing a downward-sloping line from a starting point of 25 points on July 21 to 0 points by July 30. The chart includes a legend for "Remaining work" (blue line) and "Guideline" (black dashed line). A note at the bottom of the chart area states, "Your sprint scope has increased by 25 points". At the very bottom, summary statistics are provided: Added (+25 points), Removed (0 points), and Modified (0 points), along with counts for work items added (10), removed (0), and modified (0).

## Projects

iRevolution using Tableau ...

Summary Timeline Backlog Board Calendar List Forms Goals All work Development Code More +

Search backlog +2 Epic ...

Sprint 2 21 Jul – 22 Jul (4 work items) 0 0 12 Complete sprint ...

Task ID	Description	Status	Priority	Owner
IRT-10	Prepare the Data for Visualization	DATA PREPARATION	DONE	SB
IRT-11	Handling missing values	DATA PREPARATION	DONE	AK
IRT-13	Handling data inconsistencies	DATA PREPARATION	DONE	AK
IRT-12	Creating Fields	DATA PREPARATION	DONE	SB

+ Create

## Sprint 3

Projects

### iRevolution using Tableau

Board

Summary Timeline Backlog Board Calendar List Forms Goals All work Development Code More ...

Search board AK SB Filter

IN PROGRESS

DONE 9 ✓

DATA VISUALIZATION

IRT-20 ✓ 2 AK

Treemap

DATA VISUALIZATION

IRT-22 ✓ 3 AK

Line Chart

DATA VISUALIZATION

IRT-21 ✓ 2 SB

Map

DATA VISUALIZATION

IRT-23 ✓ 5 AK

Complete sprint

Group

100% done

Done In progress Not started

100% 0% 0%

Sprint burndown

0 points done, 14 points to go

Jul 22 Jul 23 Jul 24 Jul 25 Jul 26 Jul 27 Jul 28 Jul 29 Jul 30 Jul 31

Remaining work Guideline

Your sprint scope has increased by 14 points

Added +14 points Removed 0 points Modified 0 points

This screenshot shows a Scrum board for Sprint 3. The board has columns for IN PROGRESS and DONE. Under IN PROGRESS, there are four tasks: 'Treemap' (DATA VISUALIZATION), 'Line Chart' (DATA VISUALIZATION), and 'Map' (DATA VISUALIZATION), all assigned to AK, with 3, 2, and 5 points respectively. Under DONE, there is one task: 'IRT-20' (DATA VISUALIZATION) assigned to SB, with 2 points. To the right of the board is a burndown chart showing remaining work from July 22 to July 31. The chart starts at 14 points and decreases linearly to 0 by July 31. A guideline line is also present. A message at the bottom indicates that the sprint scope has increased by 14 points.

## Sprint 4

## Projects

 iRevolution using Tableau [Summary](#) [Timeline](#) [Backlog](#) [Board](#) [Calendar](#) [List](#) [Forms](#) [Goals](#) [All work](#) [Development](#) [Code](#) More +  AK  SB  [Complete sprint](#)  [Group](#)  

TO DO	IN PROGRESS

Utilization of Filters

PERFORMANCE TESTING

IHT-29

Calculation Fields

PERFORMANCE TESTING

IHT-30

No of Visualizations/ Graphs

PERFORMANCE TESTING

IHT-31

Publishing Project

PUBLISHING

IHT-34

DONE 8 ✓

Done In progress Not started

100% 0% 0%

Sprint burndown

0 points done, 7 points to go



Your sprint scope has increased by 7 points

Added	Removed	Modified
+ 7 points	0 points	0 points

## Projects

 iRevolution using Tableau

...

[Summary](#) [Timeline](#) [Backlog](#) [Board](#) [Calendar](#) [List](#) [Forms](#) [Goals](#) [All work](#) [Development](#) [Code](#) More 3 + Search board

AK



SB

Filter

Complete sprint



Group



..

TO DO

+ Create

IN PROGRESS

DONE 8 ✓

Responsive and Design of Dashboard

DASHBOARD



IRT-25



No of Scenes of Story

STORY



IRT-27



Utilization of Filters

PERFORMANCE TESTING



IRT-29



Calculation Fit

PERFORMANCE

Sprint progress



100% done

Done In progress Not started

100% 0% 0%

Sprint burndown



28 points done, 0 points to go



Your sprint scope has increased by 28 points



## Projects

iRevolution using Tableau ...

Summary Timeline Backlog Board Calendar List Forms Goals All work Development Code More

Search backlog AK +2 Epic

Sprint 4 23 Jul – 24 Jul (8 work items)		0	0	28	Complete sprint	...
IRT-25	Responsive and Design of Dashboard	DASHBOARD	DONE	5		
IRT-27	No of Scenes of Story	STORY	DONE	5		
IRT-29	Utilization of Filters	PERFORMANCE TEST...	DONE	2		
IRT-30	Calculation Fields	PERFORMANCE TEST...	DONE	1		
IRT-31	No of Visualizations/ Graphs	PERFORMANCE TEST...	DONE	2		
IRT-34	Publishing Project	PUBLISHING	DONE	5		
IRT-35	Project Demo & Report	PROJECT DEMONSTR...	DONE	3		
IRT-36	Final Report	PROJECT DEMONSTR...	DONE	5		

+ Create

## Timeline

## Projects

 iRevolution using Tableau

...

[Summary](#) [Timeline](#) [Backlog](#) [Board](#) [Calendar](#) [List](#) [Forms](#) [Goals](#) [All work](#) [Development](#) [Code](#) More 3 +

Search timeline



Epic

Status category



	ne	July	August	September
Sprints				
<input type="checkbox"/> >  IRT-1 Define Problem/ Problem Un...	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-6 Data Collection and Prepara...	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-9 Data Preparation	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-14 Data Visualization	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-24 Dashboard	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-26 Story	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-28 Performance Testing	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-32 Publishing	 <b>DONE</b>			
<input type="checkbox"/> >  IRT-33 Project Demonstration & D...	 <b>DONE</b>			
<a href="#">Create Epic</a>				

Today

Weeks

Months

Quarters

