

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

Date	27 October 2022
Team ID	PNT2022TMID02538
Project Name	Inventory Management System for Retailers

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

Use the below template to create product backlog and sprint schedule

<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-1	Registration	USN-1	As a user, I can register for the application by entering my email and password	2	High	4
Sprint-1		USN-2	As a user, I can register for the application through E-mail	1	Medium	4

<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-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	4
Sprint-2	Dashboard	USN-5	As a user, I can view the products which are available	4	High	4
Sprint-2	Add items to cart	USN-6	As a user, I can add the products I wish to buy to the carts.	5	Medium	4
Sprint-3	Stock Update	USN-7	As a admin, I can add products which are not available in the dashboard to the stock list.	5	Medium	4
Sprint-4	Request to Customer Care	USN-8	As a user, I can contact the IBM Watson chat bot and request any services I want from the customer care.	5	Low	4
Sprint-4	Contact Administrator	USN-9	I can be able to report any difficulties I experience as a report	5	Medium	4

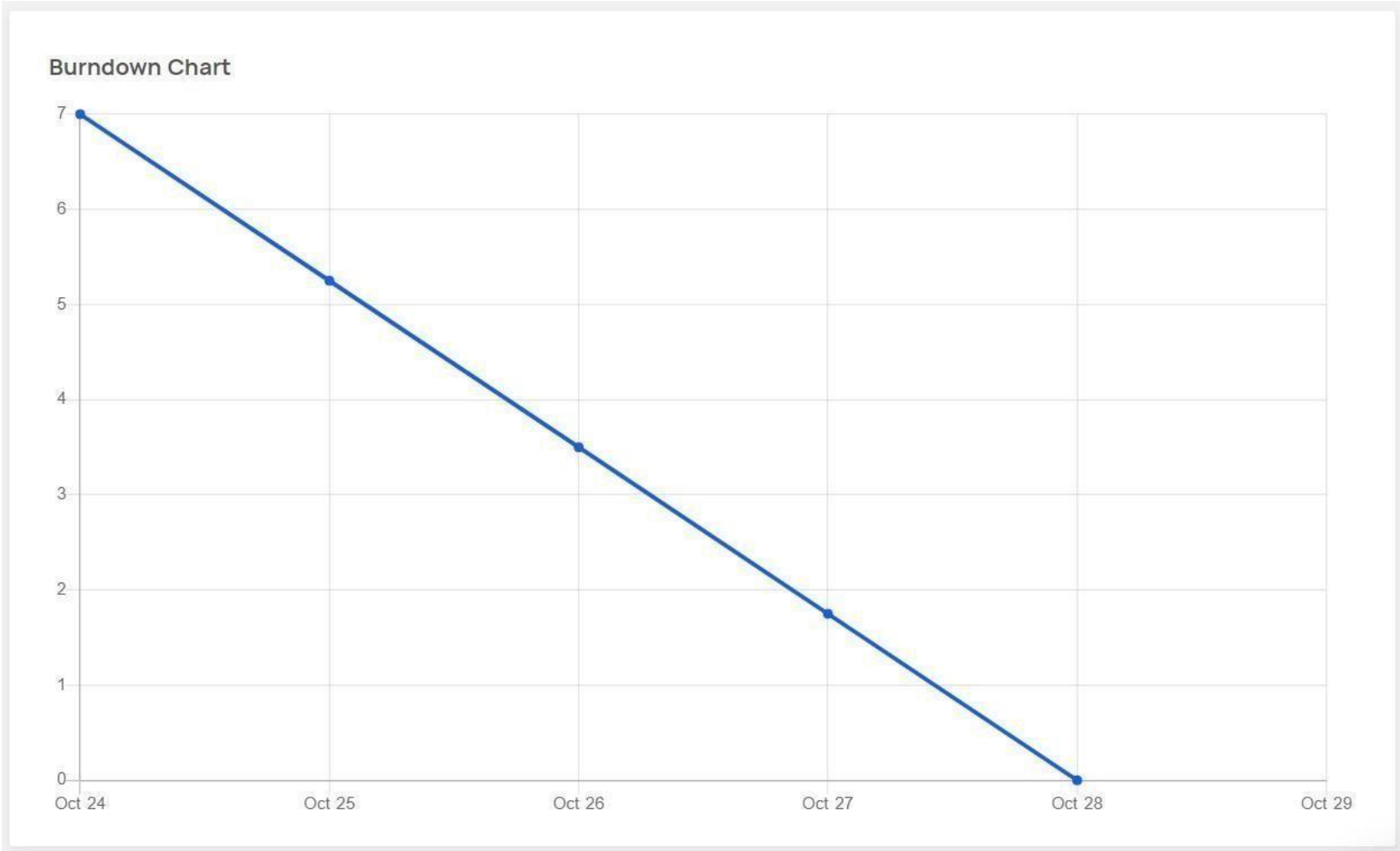
**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	7	6 Days	27 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	9	6 Days	01 Nov 2022	05 Nov 2022	9	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

**Velocity:**

Sprints	Sprint Duration	Velocity	Actual Velocity
Sprint-1	6	7	0.85
Sprint-2	6	9	0.66
Sprint-3	6	5	1.2
Sprint-4	6	10	0.6

**Burndown Chart:**



**Sprint - 1**

Burndown Chart



**Sprint – 2**

**Burndown Chart**



**Sprint - 3**

Burndown Chart



**Sprint – 4**



## Project Tool: JIRA

The screenshot displays a web browser window with the URL [https://careereducation.smartinternz.com/Student/guided\\_project\\_workspace/24570](https://careereducation.smartinternz.com/Student/guided_project_workspace/24570). The browser's address bar and various icons are visible at the top. The main content area shows a project workspace with several phases listed in a vertical stack: IDEATION PHASE, PROJECT DESIGN PHASE - I, PROJECT DESIGN PHASE -II, PROJECT PLANNING PHASE, and PROJECT DEVELOPMENT PHASE. The 'PROJECT PLANNING PHASE' is currently selected and expanded, revealing a Kanban board. The board is divided into four columns: BACKLOG, IN-PROGRESS, REVIEW, and COMPLETE. The 'IN-PROGRESS' column contains two task cards. The first card, labeled 'TSK-261910', is titled 'Prepare Milestone & Activity List' and shows a progress bar at 50%. It has three yellow status icons labeled 'R', 'S', and 'R'. The second card, labeled 'TSK-261911', is titled 'Sprint Delivery Plan' and also shows a progress bar at 50%, with three yellow status icons labeled 'P', 'S', and 'R'. The bottom of the image shows a Windows taskbar with various application icons, a system clock indicating 21:38 on 26-10-2022, and a weather widget showing 26°C and 'Cloudy'.

IDEATION PHASE

PROJECT DESIGN PHASE - I

PROJECT DESIGN PHASE -II

PROJECT PLANNING PHASE

BACKLOG

IN-PROGRESS

REVIEW

COMPLETE

TSK-261910

Prepare Milestone & Activity List

Progress(%): 50

TSK-261911

Sprint Delivery Plan

Progress(%): 50

PROJECT DEVELOPMENT PHASE



