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

Date	18 October 2022
Team ID	PNT2022TMID08600
Project Name	Inventory Management System
Maximum Marks	8 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	Registration/Login	USN-1	I can register/login to the application by providing the credentials	1	High	Aravindh Naveen Ravindran Balaji Vetriselvan
Sprint-2	Home page	USN-2	Once the registration is over, Choose the stock availability tab to monitor the products present in the database	1	High	Aravindh Naveen Ravindran Balaji Vetriselvan
Sprint-3	Menu	USN-3	The authenticated user can make any changes to the existing database which gets replicated in the user interface	2	Medium	Aravindh Naveen Ravindran Balaji Vetriselvan
Sprint-4	Dashboard	USN-4	The place where all the entries are made to meet the requirements	2	Medium	Aravindh Naveen Ravindran Balaji Vetriselvan

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	5 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

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Project templates

Project templates

Software development

Plan, track and release great software. Get up and running quickly with templates that suit the way your team works. Plus, integrations for DevOps teams that want to connect work across their entire toolchain.

- **Software development**
- Service management
- Work management
- Product management
- Marketing
- Human resources
- Finance
- Design
- Personal
- Operations
- Legal

Kanban
Visualize and advance your project forward using issues on a powerful board.

Scrum
Sprint toward your project goals with a board, backlog, and roadmap.

Bug tracking
Manage a list of development tasks and bugs.

For teams who want to control their own working processes and practices in a self-contained space. Mix and match agile features to support your team as you grow in size and complexity.

For teams who want to work with other teams across many projects in a standard way. Encourage and promote organizational best practices and processes through a shared configuration.

Simplified configuration

Get up and running quickly, with simplified configuration.

| Anyone on your team can set up and maintain |
| Settings do not impact other projects |
| Easy setup for issue types and custom fields |
| Simple configuration for multiple workflows |
| Access level permissions |

Expert configuration

Benefit from complete control with expert configuration, customization and flexibility.

| Set up and maintained by your Jira admins |
| Standardized configuration shared across projects |
| Complete control over issue types and custom fields |
| Customizable workflows, statuses and issue transitions |
| Detailed permission schemes |

Select a team-managed project

Select a company-managed project

Burndown _chart
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings
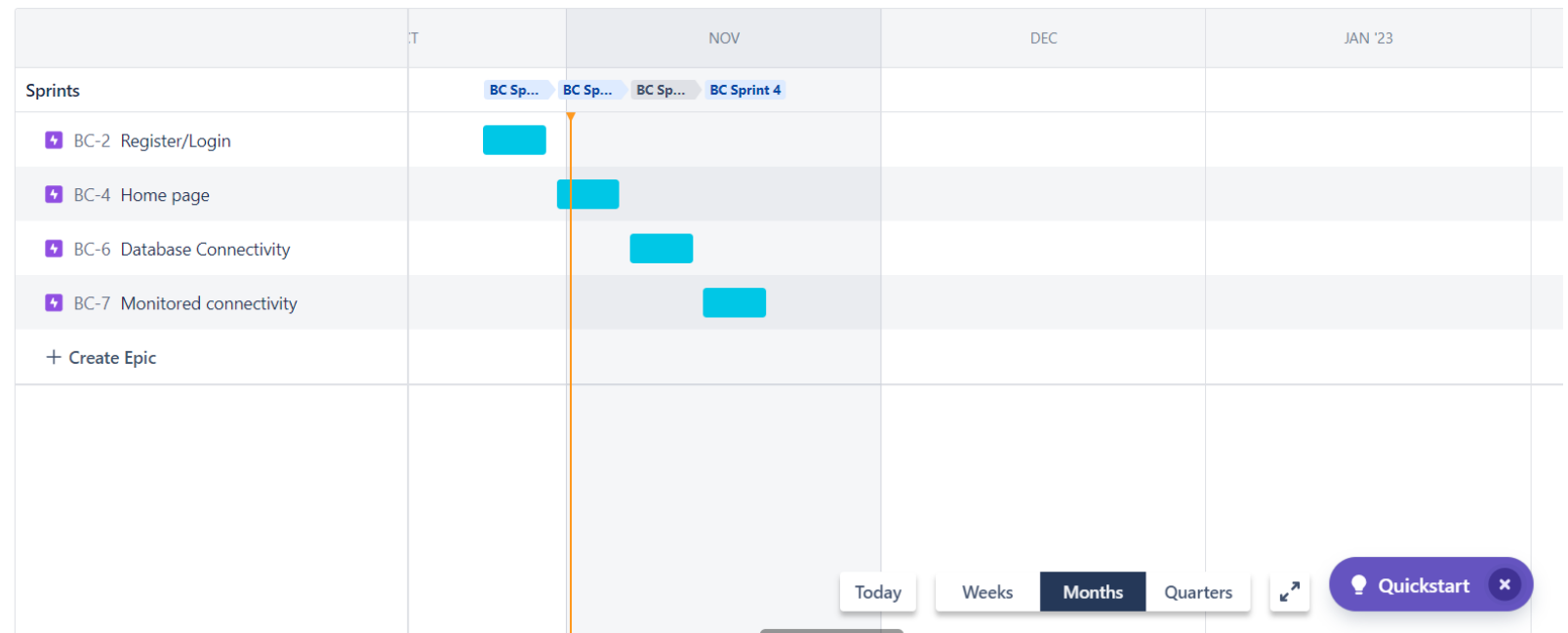
Projects / Burndown _chart

Roadmap

Give feedback   Share   Export   ...

Status category ∨   Epic ∨

View settings

	:T	NOV	DEC	JAN '23
Sprints	BC Sp... BC Sp... BC Sp... BC Sprint 4			
⚡ BC-2 Register/Login				
⚡ BC-4 Home page				
⚡ BC-6 Database Connectivity				
⚡ BC-7 Monitored connectivity				
+ Create Epic				

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Projects / Burndown _chart

Backlog

N A RB V   Epic ⌄   📈 Insights

⌄ **BC Sprint 1** 24 Oct – 31 Oct (1 issue)   0 **0** **0** Complete sprint •••

📗 BC-1 The user can register or login by rendering the essential credentials such as mail-id, phone number, type of business, Items to be added in avera...   IN PROGRESS ⌄   N

＋ Create issue

⌄ **BC Sprint 2** 31 Oct – 7 Nov (1 issue)   0 **0** **0** Complete sprint •••

📗 BC-3 The registered valid users can login to the application to view the home page which has a separate tab that shows the availability of ...   IN PROGRESS ⌄   A

＋ Create issue

⌄ **BC Sprint 3** 7 Nov – 14 Nov (1 issue)   0 **0** **0** Complete sprint •••

📗 BC-5 The database holds the whole set of stocks that are available in the retail store. The database being in the home page serves the con...   IN PROG

＋ Create issue

💡 Quickstart ✕