

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

Date	18 October 2022
Team ID	PNT2022TMID52751
Project Name	Project - Personal Assistance for Seniors WhoAre Self-Reliant
Maximum Marks	8 Marks

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

<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>
<b>Sprint 1</b>	Creation of WEB UI	USN-1	Create an application using IBM Watson and Node red	10	High	Sankar kalidas
<b>Sprint 1</b>	Registration	USN-2	I want to register for the application by entering my email address	5	Medium	Bala Surya
<b>Sprint 1</b>	Login	USN-3	I want to login using my email address	5	Low	Kavi

<b>Sprint 2</b>	Creation of Medicine database	USN-4	I want to store my medicine intake data in the database along with dosage and timing.	15	High	Sankar kalidas
<b>Sprint 3</b>	Text-To-Speech Service	USN-5	I would like to have voice based reminder system for efficient reminding	10	High	Praveen
<b>Sprint 3</b>	Mobile application creation	USN-6	I would like to create a mobile application using MIT app inventor for medicine reminders	10	High	Roshan Tariq
<b>Sprint 4</b>	Wokwi Simulation	USN-7	Simulation of the project the wokwi simulation application and obtain results	20	High	Praveen

**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	20	7 Days	21 Oct 2022	27 Oct 2022	20	01 Nov 2022
Sprint-2	15	7 Days	28 Oct 2022	03 Nov 2022	15	07 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	13 Nov 2022	20	11 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	20 Nov 2022	20	17 Nov 2022

**Velocity:**

$$AV = (\text{sprint duration}) / (\text{velocity}) = 20/7 = 2.85$$

$$AV = (\text{sprint duration}) / (\text{velocity}) = 15/7 = 2.14$$

## Scrum Project Planning:

### -Sprints 1 and 2:

The screenshot displays the Jira Software interface for a project named "IoT Medicine Reminder". The left sidebar shows the project navigation menu with options like Roadmap, Backlog (selected), Board, Reports, Code, Project pages, Add shortcut, and Project settings. The main area shows the "Backlog" view for the project. It lists two sprints: "Sprint 1" (21 Oct – 27 Oct, 2 issues) and "Sprint 2" (27 Oct – 3 Nov, 4 issues). Each sprint shows a list of issues with their status, priority, and assignee. The issues are all marked as "DONE".

**Project:** IoT Medicine Reminder (Software project)

**Navigation:** Jira Software, Your work, Projects, Filters, Dashboards, People, Apps, Create, Search, Insights

**Backlog View:**

- Sprint 1:** 21 Oct – 27 Oct (2 issues). Status: 0 Done, 0 In Progress, 20 To Do. Complete sprint.

  - Issue RT-22:** Create an application using IBM Watson and Node Red. Status: DONE. Priority: 10. Assignee: [User].
  - Issue RT-27:** Create a login and registration in IBM NodeRED. Status: DONE. Priority: 10. Assignee: [User].

- Sprint 2:** 27 Oct – 3 Nov (4 issues). Status: 0 Done, 0 In Progress, 15 To Do. Complete sprint.

  - Issue RT-25:** I want to store my medicine intake data in a tabular form for better remembrance. Status: DONE. Priority: 5. Assignee: [User].
  - Issue RT-24:** I want to login using my email/phone number and password. Status: DONE. Priority: 3. Assignee: [User].
  - Issue RT-26:** I would like to update the information in the medicine intake chart so as to prevent any incidents. Status: DONE. Priority: 5. Assignee: [User].
  - Issue RT-21:** I want to register for the application by entering my email/phone number. Status: DONE. Priority: 2. Assignee: [User].

## -Sprints 3 and 4:

The screenshot displays the Jira Software interface for a project named 'IoT Medicine Reminder'. The top navigation bar includes 'Jira Software', 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps', and a 'Create' button. A search bar and user profile icons are on the right. A banner at the top of the project page reads: 'Set project and issue permissions. Try it in a 14-day trial of Jira Software Standard.'


The left sidebar shows the project's navigation menu with sections for 'PLANNING' (Roadmap, Backlog, Board, Reports) and 'DEVELOPMENT' (Code). The 'Backlog' is currently selected.

The main area shows the 'Backlog' for the 'IoT Medicine Reminder' project. It features a search bar, user avatars, and filters for 'Epic' and 'Type'. An 'Insights' button is on the right. The backlog is organized into two sprints:

- Sprint 3** (4 Nov – 7 Nov, 2 issues):
  - RT-15: I would like a voice based reminder system for efficient reminding (0 points, IN PROGRESS)
  - RT-17: Create a text to speech system (20 points, IN PROGRESS)
- Sprint 4** (8 Nov – 13 Nov, 2 issues):
  - RT-18: I want to see reports on my medicine intake for this current week (0 points, IN PROGRESS)
  - RT-19: Report Generation and Feedback (20 points, IN PROGRESS)

Each sprint entry includes a 'Complete sprint' button and a '+ Create issue' link. The bottom of the sidebar notes 'You're in a team-managed project' with a 'Learn more' link.

## -All Sprints:

 Jira Software

Your work ▾

Projects ▾





Filters ▾


Dashboards ▾

People ▾


Apps ▾


Create





 IoT Medicine Reminder  
Software project

PLANNING


 Roadmap


 Backlog


 Board


 Reports

DEVELOPMENT

 Code

 Project pages

 Add shortcut





 Project settings



You're in a team-managed project

[Learn more](#)

Projects / IoT Medicine Reminder

All sprints

 0 days remaining [Complete sprint](#) 

 Type ▾ Sprint ▾

GROUP BY 

None ▾


[Insights](#)

TO DO


IN PROGRESS

DONE 9 ISSUES ✓


Create an application using IBM Watson and Node Red

 RT-22 ✓ 10

I want to store my medicine intake data in a tabular form for better remembrance

 RT-25 ✓ 5

I want to login using my email/phone number and password

 RT-24 ✓ 3

## Burndown Chart:

