

Jira Assignment Report

Title of the Project: Doctor Appointment Booking System

Team Members:

- Meet Koriya (D24DCS175)
- Harsh Gondaliya (D24DCS176)

JIRA Project Type: Scrum

1. Project Setup in JIRA

a. Project Creation:

- Selected Scrum project type in JIRA.
- Named the project: "Doctor Appointment Booking System"
- Created Scrum board with standard workflows.

b. Team Members Added:

- Both members added as collaborators with permissions to manage tasks, create stories, and plan sprints.

c. Epics Created:

- User Authentication
- Appointment Scheduling
- Doctor Module
- Admin Dashboard
- Notifications & Emails

2. User Stories and Sprints

a. Stories with Story Points:

Story	Points
Patient Login	5
Patient Registration	5
Logout Functionality	2
Doctor Login	5
Doctor Profile Management	5
Book Appointment	8
View Appointment History	3
Cancel / Reschedule Appointment	5
Doctor: View Scheduled Appointments	3
Admin Login	3
Admin: Manage Doctor Accounts	5
Admin: Manage Patient Accounts	5
Send Email Confirmation	3
Email Reminder	5

Total Story Points: 66

3. Sprint Planning

Sprint 1 (Jun 30 – Jul 13)

- Patient Login
- Registration
- Logout

Sprint 2 (Jul 14 – Jul 27)

- Doctor Login
- Profile Management
- Book Appointment

Sprint 3 (Jul 28 – Aug 10)

- Appointment History
- Cancel/Reschedule
- Doctor Scheduled View

Sprint 4 (Aug 11 – Aug 24)

- Admin Login
- Manage Doctors
- Manage Patients

Sprint 5 (Aug 25 – Sep 7)

- Email Confirmation
- Email Reminder

Sprint 6 & 7

- UI polish, testing, bug fixes, final deployment

4. Features Utilized in JIRA

- Created detailed backlog
- Assigned Story Points to each story
- Created and managed multiple Sprints
- Created Epics and linked them to stories
- Used issue tracking, labels, and comments
- Used Burndown Charts to monitor progress

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5. Screenshots

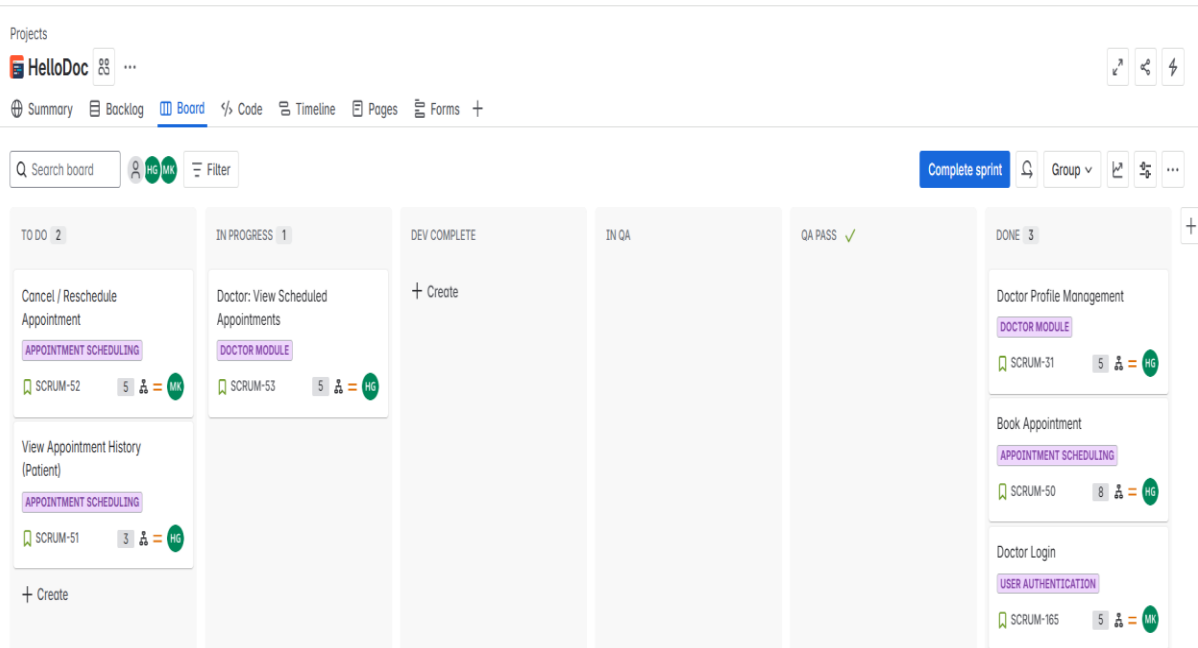
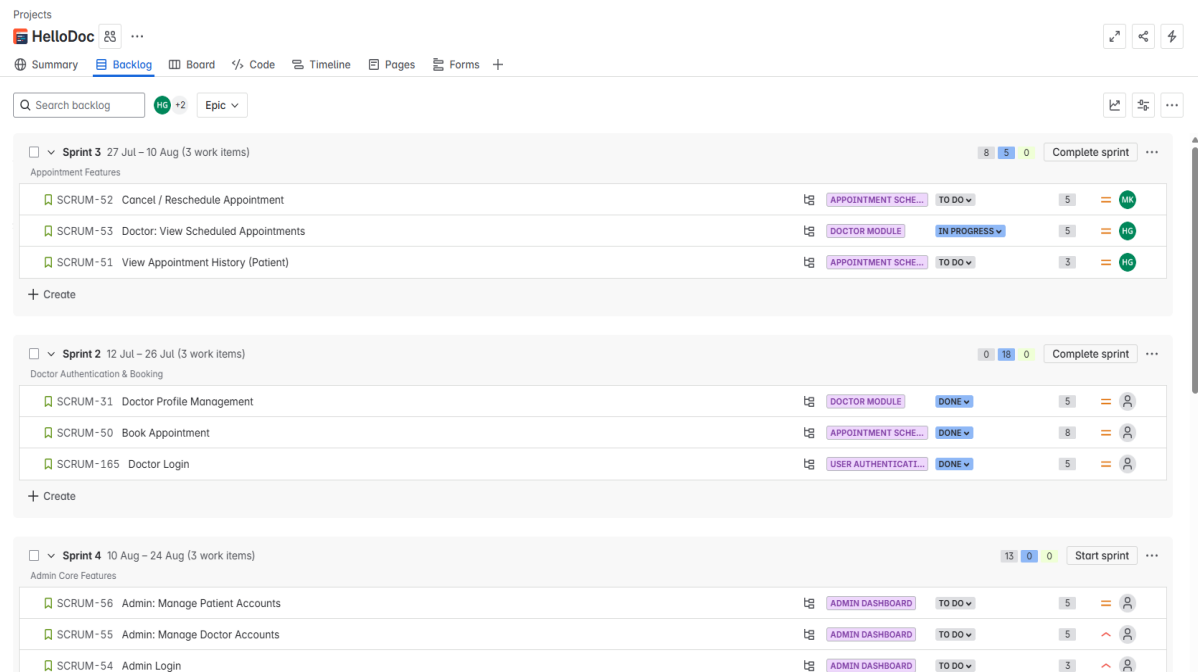


Fig-1: Board



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The screenshot displays the Jira interface with three sprints and a backlog.
Sprint 5 (24 Aug – 7 Sep, 2 work items) contains two items: SCRUM-57 'Send Email Confirmation (Booking)' and SCRUM-58 'Email Reminder Before Appointment'. Both are in 'TO DO' status with a 'NOTIFICATIONS' label.
Sprint 6 (7 Sep – 21 Sep, 0 work items) is currently empty.
Sprint 7 (21 Sep – 5 Oct, 0 work items) is also empty.
Backlog (3 work items) contains three items: SCRUM-21 'Patient Login Feature', SCRUM-39 'Patient Registration', and SCRUM-59 'Logout Functionality for All Users'. All three items are in 'DONE' status with a 'USER AUTHENTICATI...' label.
At the bottom, a 'Show epic panel' toggle is visible, which is currently turned off.

Fig-2: Sprint and Backlog

This image shows the 'Epic' dropdown menu in Jira. The menu is open, showing a list of options:
- ☐ No epic
- ☐ User Authentication SCRUM-1
- ☐ Appointment Scheduling SCRUM-2
- ☐ Doctor Module SCRUM-28
- ☐ Admin Dashboard SCRUM-29
- ☐ Notifications SCRUM-30
At the bottom of the menu, there is a toggle switch for 'Show epic panel' which is currently turned on, and a hint that says 'Press [E] to open and close'.

Fig-3 : Epic

🔗 SCRUM-1 / 📌 SCRUM-21

Patient Login Feature



Description

Description:

User Story:

As a **patient**,

I want to **log in securely using my email and password**,

So that I can **access my dashboard and manage my appointments**.

Acceptance Criteria:

1. The login page must have **email and password input fields**.
2. Input validation must trigger for:
 - Empty fields
 - Invalid email format
3. On successful login:
 - Redirect user to **Patient Dashboard**.
4. Authentication must be handled via **JWT tokens**.
 - Token should be stored in **localStorage/sessionStorage** securely.

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4. Authentication must be handled via **JWT tokens**.

- Token should be stored in **localStorage/sessionStorage** securely.

5. Error messages should display for:

- Wrong credentials
- Server errors

6. Must follow **responsive design** (usable on mobile and desktop)

Child work items

...  +

0% Done


























Work	P...	A...	Status
 SCRUM-22 Design login form UI using React 			
 SCRUM-23 Implement input validation for login form			
 SCRUM-24 Develop Express backend API for user...			
 SCRUM-25 Integrate frontend login form with backend API			
 SCRUM-26 Handle JWT token storage securely in...			
 SCRUM-27 Test end-to-end login flow and handle error...			

Fig-4 : Use Story and Sub Task

6. Summary: How JIRA Helped

- Gave clear visibility of task distribution
- Improved time and sprint management
- Allowed us to easily identify blockers
- Provided detailed reports on sprint velocity
- Enhanced team collaboration with comments

7. Challenges Faced:

- Initial complexity understanding JIRA's UI
- Setting up correct workflows for tasks
- Miscommunication on assigning tasks during Sprint 1
- Sync issues between backend/frontend stories

8. Reflection: Using JIRA in Real Projects

- In real-world software teams, JIRA helps track complex development cycles.
 - It brings transparency, accountability, and clarity to Agile delivery.
 - Helps Project Managers, Developers, and Testers stay aligned.
 - We are now more confident using JIRA in internships or job projects.
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