

SPRINT1 REPORT

1.User Stories Backlog

Sprint 1: - 9th Feb- 9th March (Completed)

The screenshot shows the Jira Backlog for 'LF2 Sprint 1' (9 Feb - 9 Mar) with 19 issues. The issues are listed in a table with columns for issue key, description, and status. The status column shows 'DONE' for all issues, indicating the sprint is completed.

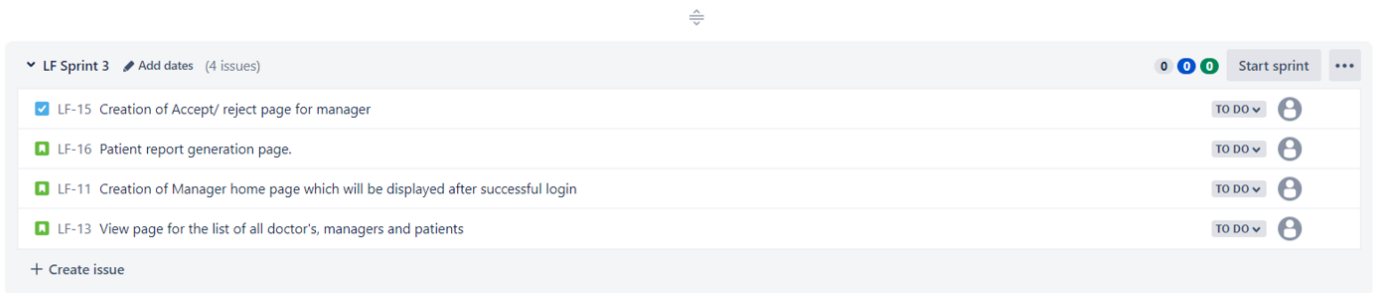
Issue Key	Description	Status
LF-1	Create a Patient registration flow including all functionality	DONE
LF-3	create a patient home page which would be landing page after login and launch pad for other features of patient	DONE
LF-4	Create a login interface for the patient to access the system using valid credentials	DONE
LF-5	Create a relational DB design for the Patient	DONE
LF-7	Create a repository for the project for source code management	DONE
LF-9	Create a Manager's registration page	DONE
LF-12	Create a Database schema for Manager	DONE
LF-17	Create a Counselor registration page	DONE
LF-18	Create a Counselor login page	DONE
LF-23	Doctor Registration	DONE
LF-24	Doctor Login	DONE
LF-25	Manager Login	DONE
LF-26	Patient Profile Page	DONE
LF-27	Generic Landing Page	DONE
LF-36	Add confirm Password Fields	TO DO
LF-37	Add validations for strong password	DONE
LF-38	Add a confirmation /verify email after the user is registered.	DONE
LF-22	Add verifications in the fields (registrations and login form)	TO DO
LF-39	Add verification in the email field	DONE

Sprint 2: - Backlog

The screenshot shows the Jira Backlog for 'LF2 Sprint 2' (Add dates (9 issues)). The issues are listed in a table with columns for issue key, description, and status. The status column shows 'TO DO' for all issues, indicating the sprint is not yet started.

Issue Key	Description	Status
LF-8	create a patient self assessment page where he/she can take the test and submit/cancel the same.	TO DO
LF-19	Create a appointment booking page for Counselor	TO DO
LF-20	Create a page to view the list of patients	TO DO
LF-21	Create an option for removing a patient	TO DO
LF-40	Complete the backlog from Sprint - 1	TO DO
LF-41	Build Portal for Patient	TO DO
LF-42	Build Portal for Doctor	TO DO
LF-43	Add Notification functionality	TO DO
LF-44	Build Portal for Counsellor	TO DO

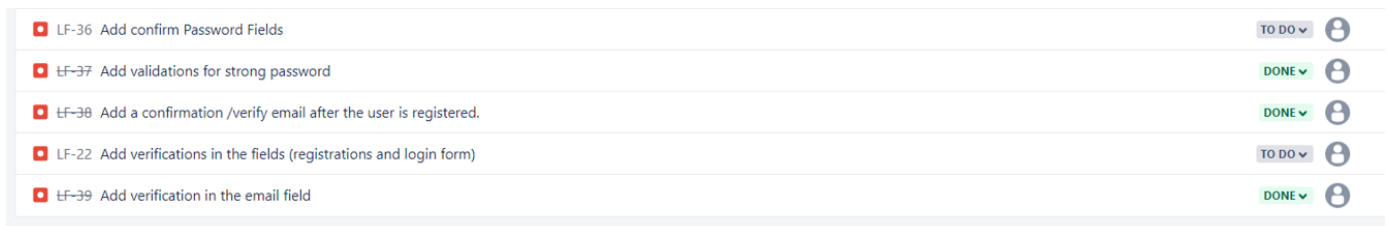
Sprint 3 Backlog



A screenshot of a Jira Sprint Backlog for 'LF Sprint 3'. The header shows '4 issues' and a 'Start sprint' button. The backlog contains four items, each with a status dropdown and an assignee icon. The first item is checked. At the bottom is a '+ Create issue' button.

▼ LF Sprint 3	✎ Add dates	(4 issues)	0	0	0	Start sprint	⋮
✓ LF-15	Creation of Accept/ reject page for manager					TO DO ▼	👤
LF-16	Patient report generation page.					TO DO ▼	👤
LF-11	Creation of Manager home page which will be displayed after successful login					TO DO ▼	👤
LF-13	View page for the list of all doctor's, managers and patients					TO DO ▼	👤
+ Create issue							

Defects Backlog



A screenshot of a Defects Backlog table with five rows. Each row includes a defect ID, a description, a status (TO DO or DONE), and an assignee icon.

LF-36	Add confirm Password Fields	TO DO ▼	👤
LF-37	Add validations for strong password	DONE ▼	👤
LF-38	Add a confirmation /verify email after the user is registered.	DONE ▼	👤
LF-22	Add verifications in the fields (registrations and login form)	TO DO ▼	👤
LF-39	Add verification in the email field	DONE ▼	👤

2. Acceptance Test Cases

Note: - In the excel file attached.

3. Risk management for the functionality developed in the sprint

Sr. No	Risk Item	Risk Category	Risk Management Technique
			Mitigation
1	Not all of our team members have experience in working with Springboot as well as JIRA.	Technology risk	1. Went through online resources, to get a basic idea on the technologies. 2. Scheduled group training session and collaborated more effectively and ensure that we are all on the same page/

		Mitigation
2	Some of the tasks need more time than estimated	Estimation risk 1. Discussed the updates on development in regular meetings and coordinated with the Team leads to help other members wherever required.
		Avoidance
3	Overriding source codes of other team members	Integration risk 1. Created a git repository to save whole source code, so for each change it can be traversed and get the original file.
		Mitigation
4	Development issues (Any technical roadblock faced by dev team while developing the project)	Technology risk 1. Planned regular scrum meetings to discuss
		Mitigation
5	Dependency on other team members	Dependency risk 1. Prioritized dependencies, which task should be done first, to avoid stalling. 2. Frequent communication with the other team members about the task status. 3. Ensured the dependent tasks are completed on time.
		Avoidance
6	Poor quality code	Quality risk 1. Set a coding standard for the dev team. 2. After scrum meetings, extra session time for peer review of developed codes.

4. Measurement data on success indicators.

Measurement data on the success indicators

Effort: The amount of work expended for conflicting commitments (midterms) reduced the team throughput to 75%. GQIM model to be deployed to mitigate the risk and improve effort.

Goal	To restore the team throughput to 100%.
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Questions	Is the team effort increasing?
Indicator	Midterms are finished.
Metrics	Team Velocity at the end of the sprint.

Schedule: Setting up the development environment was done as a part of the schedule. Research spikes were conducted to help developers in grooming and refinement.

Goal	To complete the sprint on time and deliver the committed user stories.
Questions	Are we on track?
Indicator	Few stories have been completed.
Metrics	Spillover at the end of Sprint.

Defects: Some Defects were found, all the defects are being bug tracked:

Goal	To deliver a bug free sprint.
Questions	Are we tracking and resolving defects?
Indicator	Jira tickets for bug tracking are in progress.
Metrics	Defect density.

Progress: 41 Story points of the estimated 41 were delivered. Functionality pertaining to the following stories were delivered:

- User Login
- Patient Registration
- Specialist Registration

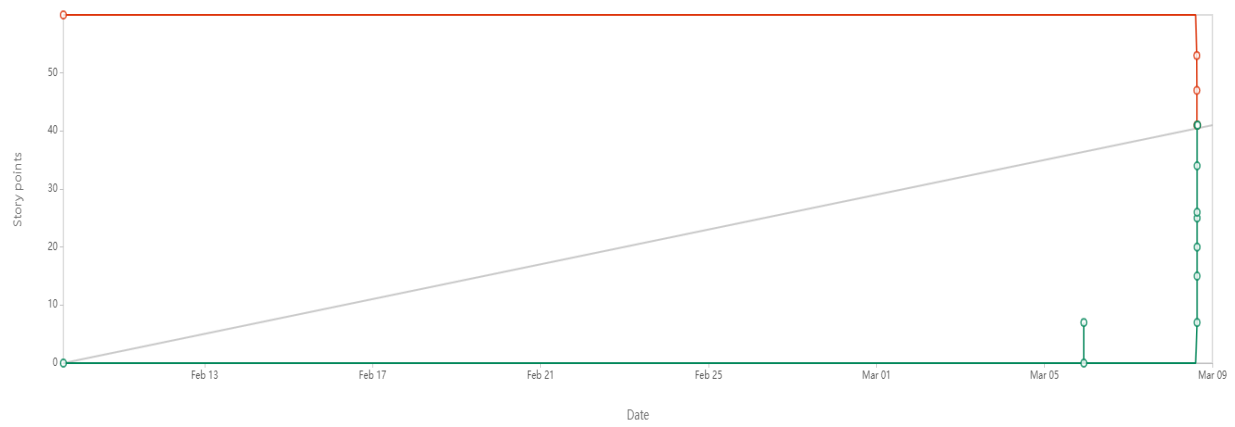
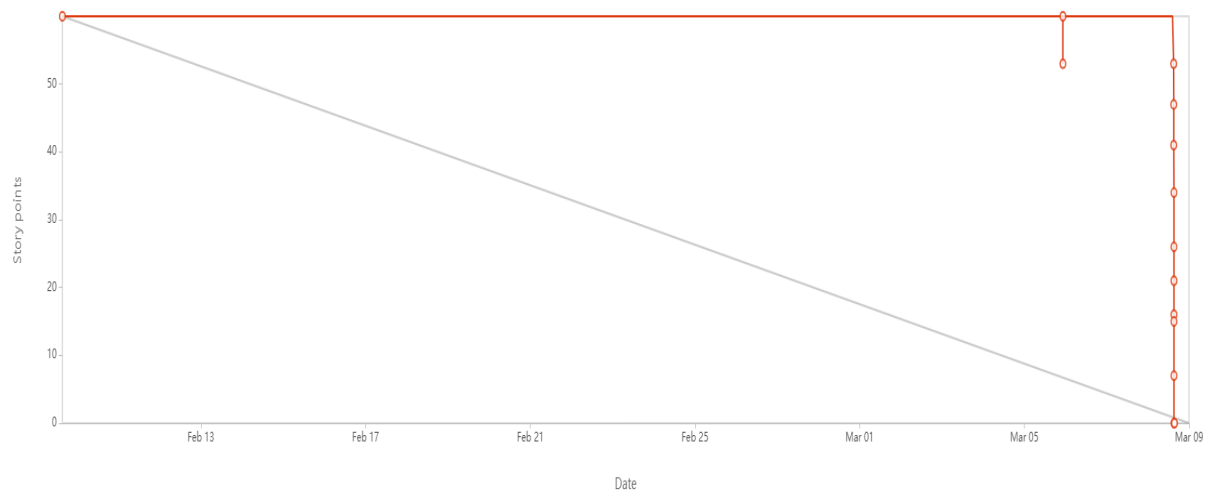
- Documentation of the Sprint, etc.

Goal	To deliver 41 SP.
Questions	Will we deliver all the user stories or spillover is expected?
Indicator	Burndown charts.
Metrics	Story Points burned.

Cost: Expenditures on resources for 75% commitments were visualized.
Project lost 25% of the developer salary budget to mitigate People Risk on conflicting requirements.
Finding a workaround on the API outage took the resources extra CAD \$800 in project budget.
Final spends - \$4,422.

Goal	To spend \$4,830 on Sprint 1.
Questions	Are we over budget or under budget?
Indicator	We are under budget.
Metrics	Money spent at the end of Sprint.

6. Iteration and Release Burndown Charts



Major points discussed -

1. Setup of development environment i.e. Spring boot and maven and and GitHub repo to be done by all the team members on their development machines.
2. Shivam and Bharghav, Aditya will create the base project and the other team members(Pragya and Angha)will work on the same once it is created.
3. The user stories to be completed in Sprint 1 include patient registration, specialist registration, login and take the assessment test.
4. Patient registration and specialist registration are similar except for the specialist ID field on the specialist registration page. Both activities are broken down into front end, back end. Database design and are being assigned to Divya and Soham
5. Simar and Madhav shall work on Taking a test feature and Kenish will be associated with him.
6. Testing team will write acceptance tests for the user stories and Aditi will be working on all the project management aspects such as the Jira update and maintain github Rep along with continuous follow up and updates.

SCRUM MEETINGS

Scrum Meeting-1

Date/Time - 19th Feb, 2023, (22:00 – 22:20 hours)

Venue – Zoom meeting (online)

Attendees -

Aditi Aditi (Project Manager)	
Aditya, Shivam(UI/UX Designer / Developer)	Bhargav Pragya (Developer)
Simar (QA)	Madhav (QA)
Divya ,Soham(QA and Database)	Kenish(QA and Manager)

Major points discussed -

1. Discussed that the base part of the project is complete over which other team members can work.
2. Templates were presented templates for the home page and Login page.
3. Demonstration of the functionality of the base project to the members present in meeting. Instructions to run the project were updated on github for the members who were not present in the meeting.
4. Developers confirmed that there are no impediments for now.
5. Next meeting date – 21st Feb 2023 (22:00 hours).

Scrum Meeting-2

Date/Time – 21st Feb 2023, (22:00 – 22:15 hours)

Venue – Zoom meeting (online)

Attendees -

Aditi Aditi (Project Manager)	Angha(Developer)
Aditya, Shivam(UI/UX Designer / Developer)	Bhargav Pragya (Developer)
Simar (QA)	Madhav (QA)
Divya ,Soham(QA and Database)	Kenish(QA and Manager)

Major points discussed -

1. Confirmation of that the assessment UI is in progress.
2. 2 people are working on the database for the table and facing some issues with the table design. Manager will look into the issue.
3. The process of writing acceptance tests for Registration functionality was started by testing team and some needs and clarification from the developers were discussed during the meeting.
4. Front end team is working on the front end of the registration part and Backend team is working on the backend
5. Team members has completed the design of user tables.

Scrum Meeting-3

Date/Time – 25th Feb 2023, (22:00 – 22:15 hours)

Venue – Zoom meeting (online)

Attendees -

Aditi Aditi (Project Manager)	Angha(Developer)
Aditya, Shivam(UI/UX Designer / Developer)	Bhargav Pragya (Developer)
Simar (QA)	Madhav (QA)
Divya ,Soham(QA and Database)	Kenish(QA and Manager)

Major points discussed -

1. Database team confirmed that the table creation issue is resolved, and the assessment table is in place.
2. Front end team conveyed that the front end for the assessment test is ready.
3. Backend end team demonstrated the registration functionality for the patient and minor changes with respect to email id validation were suggested.
4. Testing team shall take up testing for registration.

Scrum Meeting-4

Date/Time – 1st March 2023 (22:00 – 22:15 hours)

Venue – Zoom meeting (online)

Attendees -

Aditi Aditi (Project Manager)	Angha(Developer)
Aditya, Shivam(UI/UX Designer / Developer)	Bhargav Pragya (Developer)
Simar (QA)	Madhav (QA)
Divya ,Soham(QA and Database)	Kenish(QA and Manager)

Major points discussed -

1. It was conveyed that team is facing issues with the assessment test backend and needs help. Developers and testing team will work with each other. Since it is the end of the sprint, only if the functionality is complete then it will be kept in the current sprint else it will be moved to the next.
2. Dev team conveyed that registration for both the patients and specialist is complete and has been successfully tested by testing team.
3. Login functionality implementation is also complete.

Review Meeting**Sprint-1 Review**

Date/Time – 4thth March, 2023, (19:00 – 19:30 hours)

Venue – Zoom meeting (online)

Attendees -

Aditi Aditi (Project Manager)	Angha(Developer)
Aditya, Shivam(UI/UX Designer / Developer)	Bhargav Pragya (Developer)
Simar (QA)	Madhav (QA)
Divya ,Soham(QA and Database)	Kenish(QA and Manager)

Major points discussed –

1. Team demonstrated all the stories that were complete.
2. One of the team members demonstrated the project documentation produced during the sprint among all team members.

RETROSPECTIVE MEETING**Sprint-1 Retrospective**

Date/Time – 7thth March 2023, (19:30 – 20:00 hours)

Venue – Zoom meeting (online)

Attendees -

Aditi Aditi (Project Manager)	Angha(Developer)
Aditya, Shivam(UI/UX Designer / Developer)	Bhargav Pragya (Developer)
Simar (QA)	Madhav (QA)
Divya ,Soham(QA and Database)	Kenish(QA and Manager)

1. Team discussed what went well, what we learnt, what could have gone better and the action items.
2. There was no way to measure the velocity of the team at the start of the project. The velocity prediction of the team was 41 SP. But we are able to deliver 41 SP. Now, we know the velocity, Sprint 2 planning will be more accurate.
3. No user story has to be spilled over to the next sprint only 2 defects has been spilled over to next sprint.

