Project Planning Phase
Sprint Planning using JIRA Tool

Team ID	PNT2022TMID52856
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application

SPRINT 1

Sprint duration : 27th Oct 2022 – 01st Nov 2022 (6 days)
Total story points : 7

BACKLOG (USER STORIES)

Release	User Story Number	User Story / Task	Story points	Priority	Team members
Sprint-1	USN-1	As a user, I can register for the application by entering my mobile number & captcha and setting new password.	1	High	Ranga Krishna Prasadh H Sathish P
Sprint-1	USN-3	As a user, I can access my sensor data in dashboard	2	High	Priya Dharshini C Vishalini AJ
Sprint-1	USN-7	As a user, I can log into the application by entering user name & password	2	High	Priya Dharshini C Vishalini AJ
Sprint-1	USN-9	As a User, I can access the dashboard in which user profile, sensor readings, crop variety suggestions, fertilizer recommendation, weather report and waterlevel are displayed.	1	High	Ranga Krishna Prasadh H Sathish P
Sprint-1	USN-11	As a user, I will receive alert notification incase of bad weather.	1	High	Priya Dharshini C Vishalini AJ

Backlog

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Q	PC SP	Epic ∨		⟋ Insights

∨ SIESFA Sprint 1 27 Oct – 3 Nov (5 issues) 0 **4** **3** Complete sprint ···

▢ SIESFA-1 As a user, I can register for the application by entering my mobile number & captcha and setting new password. **REGISTRATION**	1 DONE ∨	👤
▢ SIESFA-7 As a user, I can log into the application by entering user name & password **LOGIN**	2 DONE ∨	🟠
▢ SIESFA-11 As a user, I will receive alert notification in case of bad weather. **DASHBOARD**	1 IN PROGRESS ∨	👤
▢ SIESFA-3 Integration of sensors with ESP32 **IOT DEVICE SETUP**	2 IN PROGRESS ∨	PC
▢ SIESFA-9 As a User, I can access the dashboard in which user profile, sensor readings, crop variety suggestions, fertilizer recommend... **DASHBOARD**	1 IN PROGRESS ∨	👤

BOARD

SIESFA Sprint 1

🔗 ☆ 🕐 0 days remaining **Complete sprint** ···

Q PC SP Epic ∨		GROUP BY None ∨ ⟋ Insights

TO DO	IN PROGRESS 3 ISSUES	DONE 2 ISSUES ✓	+
	As a user, I will receive alert notification in case of bad weather. **DASHBOARD** ▢ SIESFA-11 1 👤	As a user, I can register for the application by entering my mobile number & captcha and setting new password. **REGISTRATION** ▢ SIESFA-1 ✓ 1 👤	
	Integration of sensors with ESP32 **IOT DEVICE SETUP** ▢ SIESFA-3 2 PC	As a user, I can log into the application by entering user name & password **LOGIN** ▢ SIESFA-7 ✓ 2 🟠	
	As a User, I can access the dashboard in which user profile, sensor readings, crop variety suggestions, fertilizer recommendation, weather		

SPRINT 2

Sprint duration : 4th November 2022 – 01st Nov 2022 (6 days)

Total story points : 19

BACKLOG (USER STORIES)

Release	User Story Number	User Story / Task	Story points	Priority	Team members
Sprint-2	USN-10	As a user, I can reach out to support staff using helpline chat in case of any queries and receive service agent details in case of service requirement.	2	High	Priya Dharshini C Vishalini A J
Sprint-2	USN-12	As a user, I will receive notification in case of sensor fault / disruption in power supply and compliant will be filed automatically.	1	High	Ranga Krishna Prasadh H Sathish P
Sprint-2	USN-13	As a user, I can remotely access the motor switch to control irrigation.	2	High	Ranga Krishna Prasadh H Sathish P
Sprint-2	USN-26	As an admin, I can access sensor data in Watson.	3	High	Priya Dharshini C Vishalini A J
Sprint-2	USN-27	As an admin, I can view the output visualization in Node-Red UI.	5	High	Ranga Krishna Prasadh H Sathish P
Sprint-2	USN-16	As an admin, I can access the server ,check for errors in sensor reading and forwards details to helpline admin.	1	High	Priya Dharshini C Vishalini A J
Sprint-2	USN-17	As an admin, I can manage and organize customer details.	2	High	Ranga Krishna Prasadh H Sathish P
Sprint-2	USN-22	As a helpline admin, I can access server, check for errors/ helpline query notifications/ complaints etc., and maintain service agent availability record.	1	High	Priya Dharshini C Vishalini A J

Sprint-2	USN-25	As a helpline admin, I can register new complaint on behalf of the in case of abnormal sensor conditions.	2	High	Ranga Krishna Prasadh H Vishalini A J
Sprint-2	USN-28	As an admin, can manage and organize customer details	2	High	Priya Dharshini C Sathish P

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Backlog

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Q 🙂🙂🙂 SP 👥 Epic ∨   📈 Insights

▾ SIESFA Sprint 2 4 Oct – 1 Nov (9 issues)   0 5 14 Complete sprint ...

📗 SIESFA-10 As a user, I can reach out to support staff using helpline chat in case of any queries, and receive service agent details in c... **DASHBOARD** 2 IN PROGRESS ∨ 🙂

📗 SIESFA-12 As a user, I will receive notification in case of sensor fault / disruption in power supply ,and compliant will be filed autom... **DASHBOARD** 1 IN PROGRESS ∨ 🙂

📗 SIESFA-13 As a user, I can remotely access the motor switch to control irrigation. **DASHBOARD OPTIONS** 2 IN PROGRESS ∨ 🟠

📗 SIESFA-34 ESP32 to Watson MQTT Publishing **CLOUD** 3 DONE ∨ 🙂

📗 SIESFA-35 Watson to NodeRed Payload **CLOUD** 5 DONE ∨ 🙂

📗 SIESFA-16 As an admin, I can access the server, check for errors in sensor reading and forwards details to helpline admin. **DASHBOARD** 1 DONE ∨ 🙂

📗 SIESFA-22 As a helpline admin, I can access server, check for errors/ helpline query notifications/ complaints etc., and maintai... **COMPLAINT MANAGEMENT** 1 DONE ∨ 🙂

📗 SIESFA-25 As a helpline admin, I can register new complaint on behalf of the incase of abnormal sensor conditions. **COMPLAINT MANAGEMENT** 2 DONE ∨ 🙂

📗 SIESFA-17 As an admin, I can manage and organize customer details. **DASHBOARD** 2 DONE ∨ 🙂

BOARD

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SIESFA Sprint 2

📎 ☆ 🕐 0 days remaining **Complete sprint** ...

Q 🙂🙂🙂 SP 👥 Epic ∨   GROUP BY None ∨ 📈 Insights

TO DO	IN PROGRESS 3 ISSUES	DONE 6 ISSUES ✓	+
	As a user, I can reach out to support staff using helpline chat in case of any queries. and receive service agent details in case of service requirement. **DASHBOARD** 📗 SIESFA-10 2 🙂	ESP32 to Watson MQTT Publishing **CLOUD** 📗 SIESFA-34 ✓ 3 🙂	
	As a user, I will receive notification in case of sensor fault / disruption in power supply ,and compliant will be filed automatically. **DASHBOARD** 📗 SIESFA-12 1 🙂	Watson to NodeRed Payload **CLOUD** 📗 SIESFA-35 ✓ 3 🙂 As an admin, I can access the server, check for errors in sensor reading and forwards details to helpline admin. **DASHBOARD** 📗 SIESFA-16 ✓ 1 🙂	

SPRINT 3

Sprint duration : 10th November 2022 – 17th Nov 2022 (6 days)

Total story points : 17

BACKLOG (USER STORIES)

Release	User Story Number	User Story / Task	Story points	Priority	Team members
Sprint-3	USN-3	As a user, I can register for the application through Email/Gmail	1	Medium	Ranga Krishna Prasadh H
Sprint-3	USN-4	As a user, I will receive OTP through email which I will enter in the application.	1	Medium	Sathish P
Sprint-3	USN-29	As an admin, I can customize the data flow to the app (using Node-Red)	5	High	Priya Dharshini C
Sprint-3	USN-19	As a service agent, I can login using username and password and entering the captcha.	2	High	Priya Dharshini C Vishalini A J
Sprint-3	USN-20	As a service agent, I can view the list of service calls pending and the corresponding case details in the dashboard.	2	High	Priya Dharshini C Sathish P
Sprint-3	USN-21	As a service agent, I will generate error clearance report and forward it to the admin.	2	High	Ranga Krishna Prasadh H Sathish P
Sprint-3	USN-23	As a helpline admin, I will assign a available service agent to the client when complaint is raised and forward the details of the service agent assigned.	2	High	Vishalini A J Sathish P
Sprint-3	USN-24	As a helpline admin, I will add compliant details to the agent dashboard.	2	High	Priya Dharshini C Vishalini A J

Backlog

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🔍	😀😀 SP 😀 👥 Epic ⌄	📈 Insights

⌄ SIESFA Sprint 3 10 Nov – 17 Nov (8 issues)   ◆ 🔵🟢   Complete sprint ····

🟩 SIESFA-3 As a user, I can register for the application through Email/Gmail REGISTRATION	1 DONE ⌄	😀
🟩 SIESFA-4 As a user, I will receive OTP through email which I will enter in the application. REGISTRATION	1 DONE ⌄	SP
🟩 SIESFA-36 Linking NodeRed with MIT app APPLICATION	5 DONE ⌄	SP
🟩 SIESFA-19 As a service agent, I can login using username and password and entering the captcha. SERVICE LOG	2 DONE ⌄	😀
🟩 SIESFA-20 As a service agent, I can view the list of service calls pending and the corresponding case details in the dashboard. SERVICE LOG	2 IN PROGRESS ⌄	😀
🟩 SIESFA-24 As a helpline admin, I will add compliant details to the agent dashboard. COMPLAINT MANAGEMENT	2 IN PROGRESS ⌄	😀
🟩 SIESFA-21 As a service agent, I will generate error clearance report and forward it to the admin. SERVICE LOG	2 IN PROGRESS ⌄	😀
🟩 SIESFA-23 As a helpline admin, I will assign a available service agent to the client when complaint is raised and forward ... COMPLAINT MANAGEMENT	2 IN PROGRESS ⌄	😀

BOARD

SIESFA Sprint 3

✐ ☆ 🕐 1 day remaining Complete sprint ····

🔍	😀😀 SP 😀 👥 Epic ⌄	GROUP BY None ⌄ 📈 Insights

TO DO	IN PROGRESS 4 ISSUES	DONE 4 ISSUES ✓	+
	As a service agent, I can view the list of service calls pending and the corresponding case details in the dashboard. **SERVICE LOG** 🟩 SIESFA-20 2 😀	As a user, I can register for the application through Email/Gmail **REGISTRATION** 🟩 SIESFA-3 ✓ 1 😀	
	As a helpline admin, I will add compliant details to the agent dashboard. **COMPLAINT MANAGEMENT** 🟩 SIESFA-24 2 😀	As a user, I will receive OTP through email which I will enter in the application. **REGISTRATION** 🟩 SIESFA-4 ✓ 1 SP	
	As a service agent, I will generate error clearance report and forward it to the admin.	Linking NodeRed with MIT app **APPLICATION** 🟩 SIESFA-36 ✓ 5 SP	

SPRINT 4

Sprint duration   : 18th November 2022 – 25th Nov 2022 (6 days)

Total story points : 10

BACKLOG (USER STORIES)

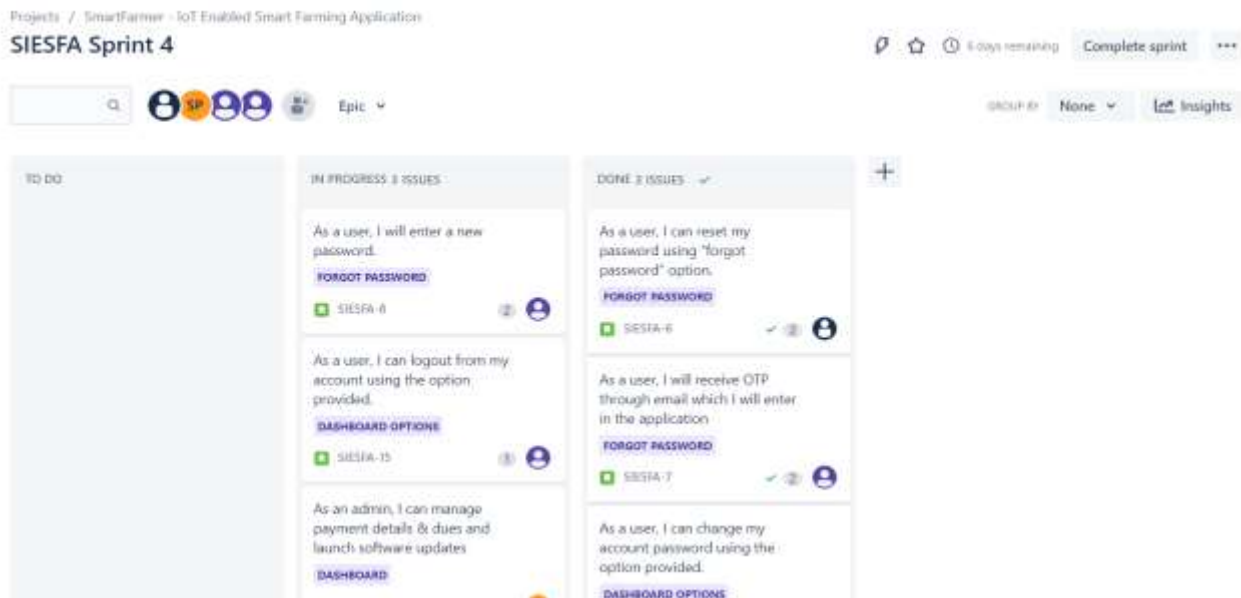| Release	User Story Number	User Story / Task	Story points	Priority	Team members
Sprint-4	USN-6	As a user, I can reset my password using "forgot password" option.	2	Low	Priya Dharshini C
Sprint-4	USN-7	As a user, I will receive OTP through email/SMS which I will enter in the application	2	Low	Vishalini A J
Sprint-4	USN-8	As a user, I will enter a new password.	2	Low	Ranga Krishna Prasadh H
Sprint-4	USN-14	As a user, I can change my accountpassword using the option provided.	2	Low	Sathish P
Sprint-4	USN-15	As a user, I can logout from my accountusing the option provided.	1	Medium	Ranga Krishna Prasadh H
Sprint-4	USN-18	As an admin, I can manage payment details & dues and launch software updates	1	Medium	Sathish P

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Backlog

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🔍   👤👤 SP 👤 👥   Epic ∨   📊 Insights

∨ SIESFA Sprint 4 18 Nov – 25 Nov (6 issues)   0 🔵🟢 Complete sprint ...

▢ SIESFA-6 As a user, I can reset my password using "forgot password" option. FORGOT PASSWORD   2 DONE ∨ 👤

▢ SIESFA-7 As a user, I will receive OTP through email which I will enter in the application FORGOT PASSWORD   2 DONE ∨ 👤

▢ SIESFA-14 As a user, I can change my account password using the option provided. DASHBOARD OPTIONS   2 DONE ∨ SP

▢ SIESFA-8 As a user, I will enter a new password. FORGOT PASSWORD   2 IN PROGRESS ∨ 👤

▢ SIESFA-15 As a user, I can logout from my account using the option provided. DASHBOARD OPTIONS   1 IN PROGRESS ∨ 👤

▢ SIESFA-18 As an admin, I can manage payment details & dues and launch software updates DASHBOARD   1 IN PROGRESS ∨ SP

+ Create issue

BOARD

SIESFA Sprint 4

Epic ∨

GROUP BY None ∨   Insights

TO DO	IN PROGRESS 3 ISSUES	DONE 3 ISSUES ✓
	As a user, I will enter a new password. **FORGOT PASSWORD** SIESFA-6 2	As a user, I can reset my password using "forgot password" option. **FORGOT PASSWORD** SIESFA-6 ✓ 2
	As a user, I can logout from my account using the option provided. **DASHBOARD OPTIONS** SIESFA-15 1	As a user, I will receive OTP through email which I will enter in the application **FORGOT PASSWORD** SIESFA-7 ✓ 2
	As an admin, I can manage payment details & dues and launch software updates **DASHBOARD**	As a user, I can change my account password using the option provided. **DASHBOARD OPTIONS**

VELOCITY:

Total story points = 53
Total sprint   = 4
Average velocity =53/4 =13.25