Planned Sprint	Actual Sprint	US ID
S1	S1	US-001
S1	S1	US-001
S2	S2	US-001
S2	S2	US-001
S3	S3	US-001
S4	S4	US-001
S5	S5	US-001
S6	S6	US-001
S7	S7	US-001
S8	S8	US-001
S9	S9	US-001
S10	S10	US-001

User Story Description
Introduction to project(Form Filling AI)
Workflow Creation and Project Goal Document
Document Discussion(Agile Template,Defect Tracker,Unit Testing)
Use Case Research and Preparation
Python practice Kit Completion
SQL practice Kit Completion
Project Discussion Module 1(Voice Input and Language Processing)
Project Discussion Module 2(Workflow Automation and Optimization)
Project Discussion Module 3(Integration with existing services)
Project Discussion Module 4(Frontend UI Development)
Project Discussion Module 5(Database Management)
Project Discussion Module 6(Testing & Deployment)

MOSCOW	Dependency
MUST HAVE	No Dependency
MUST HAVE	Lucid Chart
MUST HAVE	No Dependency
SHOULD HAVE	Gemini
MUST HAVE	HackerRank
MUST HAVE	HackerRank
MUST HAVE	Gemini and Assembly AI
SHOULD HAVE	VS Code
SHOULD HAVE	Express.js for Backend
MUST HAVE	Render
SHOULD HAVE	React.js for Frontend
MUST HAVE	Vercel & Render

NOTES: Task sizing should be between 0.5 to 12 hours

US ID	Task ID	Task Description
US-001	1	Introduction to project(Form Filling AI)
US-001	2	Workflow Creation and Project Goal Document
US-001	3	Document Discussion(Agile Template,Defect Tracker,Unit Testing)
US-001	4	Use Case Research and Preparation
US-001	5	Python practice Kit Completion
US-001	6	SQL practice Kit Completion
US-001	7	Project Discussion Module 1(Voice Input and Language Processing)
US-001	8	Project Discussion Module 2(Workflow Automation and Optimization)
US-001	9	Project Discussion Module 3(Integration with existing services)
US-001	10	Project Discussion Module 4(Frontend UI Development)
US-001	11	Project Discussion Module 5 (Database Management)
US-001	12	Project Discussion Module 6 (Testing & Deployment)
US-001	13	Presentation Making

Task Start Date	Task Completion Date	Activity	Status	Original Estimate Effort (In Hours)	Day 1
				80	20
			SPRINT 1 BACKLOG		
7-Feb-25	10-Feb-25	Others	3- Completed	3	1
11-Feb-25	12-Feb-25	Design	3- Completed	3	2
13-Feb-25	13-Feb-25	Others	3- Completed	1	1
13-Feb-25	14-Feb-25	Others	3- Completed	6	2
14-Feb-25	15-Feb-25	Coding	3- Completed	3	1
14-Feb-25	15-Feb-25	Coding	3- Completed	3	0
17-Feb-25	20-Feb-25	Build	3- Completed	10	3
20-Feb-25	23-Feb-25	Coding	3- Completed	12	3
24-Feb-25	27-Feb-25	Integration Test	3- Completed	12	4
28-Feb-25	4-Mar-25	Design	3- Completed	8	3
5-Mar-25	9-Mar-25	Coding	3- Completed	10	0
10-Mar-25	12-Mar-25	System Test	3- Completed	8	0
12-Mar-25	14-Mar-25	Design	3- Completed	1	0

Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11
11	11	14	8	7	6	2	0	0	0
1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0	0
0	2	2	1	1	1	0	0	0	0
3	2	1	1	1	1	0	0	0	0
3	1	1	1	1	1	0	0	0	0
0	1	1	1	1	1	0	0	0	0
0	0	4	1	1	2	2	0	0	0
0	2	3	2	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Day 12	Day 13	Day 14
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

Sprint	Day	Impediments
Sprint 1	Day 2	Unclear functional requirements for voice input and multilingual support.
Sprint 1	Day 5	Issues in integrating voice-to-text processing with form fields.
Sprint 2	Day 8	Delay in frontend development due to complex UI interactions.
Sprint 2	Day 10	API response time lagging, causing slow form submission.
Sprint 3	Day 15	Difficulty in implementing real-time error correction.
Sprint 3	Day 18	Security concerns with user data handling.
Sprint 4	Day 20	Unexpected bugs in backend deployment.

Action Taken
Conducted a team session to refine feature scope and consulted industry references.
Researched speech recognition APIs and tested alternative solutions.
Collaborated with UI/UX team to optimize workflow and simplify interactions.
Optimized API calls and introduced asynchronous data processing.
Integrated an AI-based error detection mechanism and refined the correction model.
Implemented data encryption and reviewed compliance measures.
Conducted a debugging sprint and refined error logs.

SL #	Sprint #	Sprint Start Date	Sprint End Date	Team Member Name
1	Sprint 1	2/17/2025	2/20/2025	Team Collaboration
2	Sprint 2	2/28/2025	3/4/2025	Team Collaboration
3	Sprint 3	2/24/2025	2/27/2025	Team Collaboration
4	Sprint 4	3/10/2025	3/12/2025	Team Collaboration
5				

Start Doing	Stop Doing	Continue Doing
Researching voice recognition models	Assuming default speech-to-text works well	Engaging in team discussions
Implementing frontend integration for voice-enabled form	Delaying API integration	Debugging minor UI glitches
Optimizing voice-to-text accuracy	Ignoring user accent variations	Refining dataset for model training
Testing real-time error correction	Relying only on predefined commands	Analyzing user interaction flow

Action Taken
Conducted a review session on optimal models for voice input processing
Successfully integrated basic voice input with form fields
Collected multilingual voice samples for improved model training
Improved error correction using AI-based predictions