

# GitHub Project Journal

**Weekly Scrum Report:** BookTable Project

**Team Members:** Apurva Karne, Jayanth Kalyanam, Manjunath Inti, Praful John

**Project Duration:** 6 Sprints

**Roles Implemented:** Customer, Admin, Restaurant Manager

**Deployment:** AWS EC2 + MongoDB Atlas

## Sprint 1 – Planning & Setup

Apurva Karne

- What did I complete?  
Participated in requirement analysis and tech stack finalization  
Researched security providers  
Created sprint plan and backlog
- What will I do next?  
Start building the UI skeleton and implement form validation

Blocked by:

Confirmation on component design

Jayanth Kalyanam

- What did I complete?  
Worked on requirement understanding  
Researched and selected cloud provider (AWS)
- What will I do next?  
Design MongoDB schema and configure database

Blocked by:

None

Manjunatha Inti

- What did I complete?  
Helped finalize tech stack and backend structure
- What will I do next?
- Implement routing and navigation

Blocked by:

Awaiting UI skeleton for integration

Praful John

- What did I complete?  
Created class diagram  
Contributed to tech and requirement discussions
- What will I do next?  
Start backend API planning and initial CRUD routes

Blocked by:

None

## Sprint 2 – Core Functionality & Auth

Apurva Karne

- What did I complete?

Built UI skeleton and implemented validation  
Created JWT Auth API and integrated login flow

- What will I do next?  
Implement RBAC and Admin panel components

Blocked by:

Swagger documentation sync

Jayanth Kalyanam

What did I complete?

- Designed MongoDB models  
Configured DB connection  
Created Swagger API documentation
- What will I do next?  
Work on Google Maps integration

Blocked by:

None

Manjunatha Inti

- What did I complete?  
Implemented routing and customer CRUD  
Created restaurant booking endpoint
- What will I do next?  
Work on search and booking result display

Blocked by:

Backend index design pending

Praful John

- What did I complete?  
Set up backend CRUD routes  
JWT-protected backend APIs
- What will I do next?  
Create Booking API and POST logic

Blocked by:

None

### **Sprint 3 – Booking, Maps & Admin Panel**

Apurva Karne

- What did I complete?  
Implemented RBAC and Admin panel UI  
Designed Manager Dashboard
- What will I do next?  
Finalize analytics and frontend deployment

Blocked by:

Admin backend feedback

Jayanth Kalyanam

- What did I complete?  
Completed Google Maps integration

- Rendered maps using coordinates
- What will I do next?  
Update Swagger docs and add pagination

Blocked by:

None

Manjunatha Inti

- What did I complete?  
Built search filters and UI  
Integrated SMS/email confirmation flows
- What will I do next?  
Improve keyboard navigation and finalize accessibility

Blocked by:

Twilio setup testing

Praful John

- What did I complete?  
Built booking API and routes  
Created Admin approval and reservation list features
- What will I do next?  
Implement error logging and finalize manager view

Blocked by:

None

## **Sprint 4 – AWS Deployment & Auto Scaling**

Apurva Karne

- What did I complete?  
Built and embedded MongoDB Chart dashboard  
Deployed frontend to Vercel
- What will I do next?  
Support backend testing and UI polish

Blocked by:

None

Jayanth Kalyanam

- What did I complete?  
Set up AWS Load Balancer and Auto Scaling  
Created Launch Template and Scaling Group
- What will I do next?  
Test scaling logic and backend deployment

Blocked by:

None

Manjunatha Inti

- What did I complete?  
Did POC on EC2 and linked MongoDB Atlas
- What will I do next?  
Confirm DB ops in production

Blocked by:

Atlas IP whitelist sync

Praful John

- What did I complete?  
Implemented global error logging  
Added middleware for backend error responses
- What will I do next?  
Test production bugs and clean UI issues

Blocked by:

None

## **Sprint 5 – Final Testing & UI Enhancements**

Apurva Karne

- What did I complete?  
Finalized UI colors, spacing, and fonts  
Uploaded final README and structured content
- What will I do next?  
Submit final GitHub repo  
Create final diagrams

Blocked by:

None

Jayanth Kalyanam

- What did I complete?  
Performed E2E tests and accessibility fixes  
Added alt labels and mobile testing
- What will I do next?  
Present demo and finalize journal

Blocked by:

None

Manjunatha Inti

- What did I complete?  
Polished layout and responsiveness  
Captured and uploaded screenshots
- What will I do next?  
Help rehearse demo and submit walkthrough

Blocked by:

None

Praful John

- What did I complete?  
Tested cancellation flow and fixed final bugs  
Helped build demo script and walkthrough
- What will I do next?  
Final presentation and repo QA

Blocked by:

None

## **Sprint 6 – Final Submission & Handoff**

Apurva Karne

- What did I complete?  
Verified Vercel-EC2 integration  
Tagged final release and organized README/docs
- What will I do next?  
Share versioned repo with instructor

Blocked by:

None

Jayanth Kalyanam

- What did I complete?  
Verified load balancer routing  
Added final project journal links
- What will I do next?  
Assist with final handoff

Blocked by:

None

Manjunatha Inti

- What did I complete?  
Finalized EC2 autoscaling and .env example  
Validated Load Balancer setup
- What will I do next?  
Support instructor walkthrough

Blocked by:

None

Praful John

- What did I complete?  
Rehearsed final walkthrough  
Completed last round of bug fixes and UI cleanup
- What will I do next?  
Deliver presentation and support live Q&A

Blocked by:

None

## **XP Core Values Followed During the Project**

### **1. Communication**

Our team consistently prioritized clear and open communication throughout the project. We held regular stand-ups and sprint planning sessions where we discussed progress, blockers, and next steps. We actively used communication tools such as Whatsapp and GitHub issues to coordinate tasks, share updates, and clarify doubts. This helped ensure alignment within the team and enabled us to move forward efficiently without misunderstandings.

### **2. Feedback**

We embraced feedback as a core part of our development process. During sprint reviews and retrospectives, team members provided constructive input on features, design decisions, and workflow improvements. We also conducted regular peer code reviews on pull requests, which helped identify issues early, improve code quality, and promote a culture of continuous learning. Feedback loops were essential in keeping the project on track and adapting to new insights as development progressed.