Weekly Scrum Reports - Member-wise Breakdown

Tech Stack
- Backend: Spring Boot (Deployed on EC2)
- Frontend: React (Deployed on S3)
- Database: MySQL RDS

Week 1

- Shantanu (Backend)

Completed:
- Set up Spring Boot project structure
- Created initial REST API endpoints
- Implemented basic user authentication logic

Planning:
- Implement JWT authentication
- Create restaurant search endpoints
- Set up error handling

Blocked: None

- Danishbir (Frontend)

Completed:
- Initialized React project
- Set up project routing
- Created login/register components

Planning:
- Implement authentication UI
- Create restaurant listing components
- Set up Redux state management

Blocked: Waiting for authentication endpoints

- Maxwell (Database - Left after Week 2)

Completed:
- Initial database schema design
- Basic entity relationships

Planning:
- Complete database implementation
- Set up data models

Blocked: None

Week 2

- Shantanu (Backend)

Completed:
- JWT authentication implementation
- Basic CRUD operations for restaurants
- Error handling middleware

Planning:
- Review system endpoints
- Rating functionality
- Team member departure handling

Blocked: Database implementation (due to Maxwell's departure)

- Danishbir (Frontend)

Completed:
- Authentication UI components
- Basic restaurant cards
- Navigation setup

Planning:
- Search functionality UI
- Restaurant details page
- Taking over database responsibilities

Blocked: Complete database schema

- Maxwell
- Left the project during Week 2

Week 3 (After Team Adjustment)

- Shantanu (Backend + Deployment)

Completed:
- Completed restaurant search endpoints
- Started AWS EC2 configuration
- Implemented sorting and filtering logic

Planning:
- Set up auto-scaling
- Implement load balancing
- Security configurations

Blocked: None

- Danishbir (Frontend + Database)

Completed:
- Took over database responsibilities
- Completed MySQL schema design
- Implemented data models
- Created search components

Planning:
- Review/Rating UI
- Database integration
- S3 deployment setup

Blocked: None

Week 4

- Shantanu

Completed:
- EC2 instance configuration
- Security group setup
- Backend deployment scripts
- Fixed front-end configuration

Planning:
- Load balancer configuration
- API optimization
- Security hardening
- Changes to front-end Search Bar

Blocked: None

- Danishbir

Completed:
- Review system UI
- Rating implementation
- Database relationships
- Search filters UI

Planning:
- S3 bucket setup
- Frontend deployment
- UI polish
- Check end point connections from backend to Database

Blocked: None

Week 5

- Shantanu

<u>Completed:</u>
- Load balancer implementation
- API performance optimization
- Security configurations
- Completed the Search Bar changes

<u>Planning:</u>
- Final backend testing
- Documentation
- Performance monitoring

Blocked: None

- Danishbir

<u>Completed:</u>
- S3 deployment
- Frontend optimizations
- Database query optimization
- Fixed Back-end API calls

<u>Planning:</u>
- UI/UX improvements
- Final testing
- Documentation

Blocked: None

Week 6

- Shantanu

<u>Completed:</u>
- Backend performance testing
- API documentation
- Security audits

<u>Planning:</u>
- Final deployment checks
- System monitoring setup
- Demo preparation

Blocked: None

- Danishbir

<u>Completed:</u>
- Frontend performance optimization
- Database backup setup
- UI responsiveness improvements

<u>Planning:</u>
- Final UI testing
- Documentation completion
- Demo preparation

Blocked: None

Week 7 (Final Week)

- Shantanu
<u>Completed:</u>
- Final backend deployment
- System monitoring setup
- Performance optimization
- Documentation completion

<u>Planning:</u>
- Demo presentation
- Final testing

Blocked: None

- Danishbir
<u>Completed:</u>
- Final frontend deployment
- Database optimization
- Documentation completion
- UI/UX finalization

<u>Planning:</u>
- Demo presentation
- Final testing

Blocked: None

Project Completion Summary
1. Successfully adapted to team change by:
   - Shantanu taking over deployment responsibilities
   - Danishbir taking over database management
   - Both the team-members worked on all the components with interchanging responsibilities.

2. Completed all core features
3. Successfully deployed on AWS (EC2, S3, RDS)
4. Maintained project timeline despite team reduction