**SPRINT-1 DOCUMENT**

**Project Name: college Event Planner**

**Goal:** To create an Agile jira board with epics, stories, and sprints for event registration, scheduling, and feedback workflows.

## Epics :

| **Epic Name** | **Description** |
| --- | --- |
| Event Registration | Allow students register for events and organizers to view registrations |
| Event Scheduling | Allow organizers to create, update, and manage event details |
| Feedback System | Allow users to give feedback and organizers to review it |

## User Stories:

**Event Registration**

* As a student, I want to register for an event, so that I can participate.
* As an organizer, I want to view the list of registered students for each event, so that I can track them.
* As a student, I want to receive a confirmation email or message after registering, so that I can know my registration was successful.
* As an organizer, I want to set a limit on the number of registrations per event, so that the event doesn’t exceed capacity.
* As a student, I want to cancel my registration, so that I can inform if I am not attending.

**Event Scheduling**

* As an organizer, I want to create and update event details (title, date, location), so that students can view the information.
* As an organizer, I want to set time slots to avoid overlapping events, so that no clashes will happen.
* As a student, I want to add events to my personal calendar, so that I can set remainder.

**Feedback System**

* As a participant, I want to submit feedback after attending an event, so that I can share my experience.
* As an organizer, I want to read feedback, so that I can improve future events.
* As an organizer, I want to download all feedback in a report format, so that I can analyze it later.
* As a participant, I want to give anonymous feedback, so that I can give honest feedback.

## Sprints Plan:

**Sprint 1: Foundation Setup – UI, Dev Tools & Validation**

**Duration:** June 16 – June 20, 2025

 Create an Agile Jira board to organize epics, stories, and tasks for the project

 Build responsive HTML/CSS pages for login, registration, and dashboard

 Implement JavaScript/jQuery validation for forms to ensure correct input

 Initialize a GitHub repository with README and commit rules

 Write a shell script that automatically backs up frontend files

 Prepare a checklist to test UI responsiveness on different devices and browsers

**Sprint 2: Backend Foundation – Events, DB & Logging**

**Duration:** June 23 – June 27, 2025

 Implement Java classes to define and manage event details

 Create Oracle database tables to store event-related data

 Write JDBC logic for CRUD operations on events in the database

 Configure Log4J with SLF4J to handle logging for backend activities

 Insert sample data into the database and verify correctness

 Write a shell script that compresses and archives log files

**Sprint 3: Core Features – REST API & Microservices**

**Duration:** June 30 – July 4, 2025

 Build the data access layer using Spring Data JPA for database communication

 Write stored procedures to calculate event-related statistics

 Develop REST APIs in Spring Boot for event registration,viewing, and feedback

 Create a Postman collection to test all API endpoints

 Design class diagrams and sequence diagrams to represent system architecture

 Develop a notification microservice to send reminders for upcoming events

**Sprint 4: Testing, Deployment & Maintenance**

**Duration:** July 7 – July 11, 2025

 Write unit and integration tests for backend code

 Run code quality tools like SONAR, PMD, Checkstyle for analysis

 Debug issues in the event feedback submission flow

 Raise and resolve a mock bug related to event registration

 Deploy the final application as a Windows service for production use

 Write a script that sends weekly summary emails to the admin about events

## Sprint-1 Deliverables:

|  |  |
| --- | --- |
| **Deliverable** | **Status** |
| Jira board with epics, stories, sprints | Done |
| Responsive event UI | Done |
| jQuery validation for forms | Done |
| GitHub repo with commit history | Done |
| Shell backup script | Done |
| Test checklist for UI | Done |

