Sprint Planning Document

Sprint 1:

Sprint Dates: 2 Sept – 15 Sept 2025
Sprint Goal: Deliver the core platform features: event browsing, search, CRUD for events, authentication, RSVP system, gallery, and calendar view.

1. Committed Backlog Items

User Story ID	Description	Priority	Story Points
US-1	List upcoming events	High	5
US-2	Search/filter events	High	8
US-5	Create event	High	8
US-6	Edit event	Medium	5
US-7	Delete event	Medium	5
US-20	Authentication & role enforcement	High	8
US-11	Gallery function	Medium	8
Calendar View	Browse events by calendar	Medium	8
US-3/4	RSVP system	High	8

2. Task Breakdown

US-1: List Events

- Backend: API to fetch events (3 pts)
- React event list component (2 pts)

US-2: Search/Filter

- Extend API with filter params (4 pts)
- React search & filter UI (4 pts)

US-5: Create Event

- Backend API + validation (5 pts)
- React form UI (3 pts)

US-6: Edit Event

- Backend update endpoint (3 pts)
- React edit form (2 pts)

US-7: Delete Event

- Backend delete endpoint (2 pts)
- React confirmation dialog (3 pts)

US-20: Authentication

- JWT login/logout backend (5 pts)
- Role enforcement middleware (2 pts)
- React login/signup forms (1 pt)

US-11: Gallery

- Backend image upload API (3 pts)
- File storage setup (3 pts)
- React gallery display (2 pts)

Calendar View

- React calendar integration (5 pts)
- Map events into calendar slots (3 pts)

US-3/4: RSVP System

- Backend RSVP endpoints (add/remove/view) (5 pts)
- React RSVP button + My Events page (3 pts)

3. Definition of Done

- All APIs implemented, tested (≥80% coverage).
- React components integrated with backend.
- User roles enforced (student, organizer, admin).
- Demo-ready, with working gallery + calendar.

4. Risks

- High scope for Sprint 1 (may stretch capacity).
- H2 vs MySQL schema alignment needed.
- File upload (gallery) may cause deployment issues.

Sprint 2 :

Sprint Dates: 16 Sept – 29 Sept 2025
Sprint Goal: Extend platform with feedback, organizer analytics, recommendations, and address bugs from Sprint 1.

1. Committed Backlog Items

User Story ID	Description	Priority	Story Points
US-8	View event details page	High	5
US-9	Organiser views RSVPs	Medium	5
US-10	Collect feedback (ratings & comments)	High	8

US-12	Recommended events (basic)	Medium	5
US-18	Delete inappropriate events (Admin)	Medium	5
US-19	Manage user accounts (Admin)	Medium	8
US-21	Approve pending events (Admin)	Medium	5

2. Task Breakdown

US-8: Event Details

- API to fetch full event info (2 pts)
- React detail page UI (3 pts)

US-9: Organiser RSVP List

- Backend endpoint to list RSVPs (2 pts)
- React organiser dashboard view (3 pts)

US-10: Feedback

- API for submitting/viewing feedback (4 pts)
- React form + dashboard integration (4 pts)

US-12: Recommendations

- Backend algorithm (tags + RSVP history) (3 pts)
- React recommendations widget (2 pts)

US-18: Admin Deletes Events

- Backend delete with audit log (3 pts)
- React admin control (2 pts)

US-19: Manage Users

- Backend ban/deactivate endpoints (5 pts)
- React admin user management UI (3 pts)

US-21: Approve Events

- Backend pending/approved status (3 pts)
- React approve/reject UI (2 pts)

3. Definition of Done

- Feedback, recommendations, and organiser tools integrated.
- Admin features functional.
- All Sprint 1 bugs resolved.
- Ready for demo with expanded admin/organiser functionality.

4. Risks

- Feedback and recommendation system may require schema updates.
- Admin tools depend on stable authentication/roles from Sprint 1.