



# **Sprint Planning for Web, Mobile, and Backend Development**

## **Sprint Duration: 4 Weeks (One Month per Sprint)**

### **Team Members & Roles:**

- **Frank Oliver Bentoy** – Web Development
- **Theus Gabriel Mendez** – Mobile Development
- **Kent Alborez** – Backend Development

### **Sprint 1 (February 2025)**

#### **Goals:**

- Complete foundational setups for Backend (API, DB Schema).
- Begin UI development for Web and Mobile.
- Establish Authentication groundwork.

#### **Sprint Backlog:**

- **Web:**
  1. Event Browsing UI
  2. Event Management Dashboard
- **Mobile:**
  3. Login & Dashboard UI
  4. Design Event Listing UI
- **Backend:**
  5. Set up DB Schema
  6. Set up API Routes

#### **Expected Deliverables:**

- Basic UI for web and mobile screens.
- API and DB connectivity setup.

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### **Sprint 2 (March 2025)**



### Goals:

- Implement authentication features.
- Continue UI development.
- Start CRUD operations in the backend.

### Sprint Backlog:

- **Web:**
  1. Validation & Error Handling
  2. Connect to Backend API
- **Mobile:**
  3. Implement Notifications for Updates
  4. Integrate Google Maps
- **Backend:**
  5. Authentication & Authorization
  6. Handle Event CRUD

### Expected Deliverables:

- Working authentication for users.
  - Initial event management flow (Create, Read, Update, Delete).
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### Sprint 3 (April 2025)

#### Goals:

- Implement advanced features like Google Maps & Sync.
- Enhance user experience with better UI/UX.
- Introduce QR Code functionality in the backend.

### Sprint Backlog:

- **Web:**
  1. Integrate Google Maps
- **Mobile:**



2. Implement User Authentication
3. Sync User Preferences & Settings

- **Backend:**

4. QR Code Implementation

#### **Expected Deliverables:**

- Integrated Google Maps in web & mobile.
  - QR Code authentication feature.
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#### **Sprint 4 (May 2025)**

##### **Goals:**

- Final testing and debugging.
- Optimize performance.
- Implement logging and monitoring.

##### **Sprint Backlog:**

- **Web:**
  1. Website Optimization
- **Mobile:**
  2. Test & Debug UI/UX
- **Backend:**
  3. Monitor System Logs / Fix Backend Logs

#### **Expected Deliverables:**

- Fully functional system with optimized UI and backend performance.
  - Debugged and tested application ready for deployment.
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#### **Additional Notes:**

- **Daily Standups:** Quick updates on what each member worked on, blockers, and next steps.
- **Weekly Demos:** Show progress and gather feedback from stakeholders.

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