NT Local Event Finder

Group B Iteration3

MVP scope (Minimum Viable Product scope)

- **The MVP must include the core, minimum set of features necessary to make the product functional and deliver value to users.**

- **MVP must include the following core features:**

- Users can **search and browse events** (with basic filtering options).

- Users can **view event details**, including time, location, map link, and images.

- Users can **register for or bookmark events**.

- Users can **submit event proposals**.

- Admins can **review and publish events**.
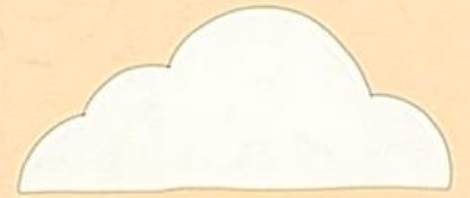
Product Backlog Prioritization

Priority	User Story	Description	Notes	Priority	User Story	Description	Notes
Must Have	search and filter events	Search by keyword, category, date	Core MVP	Should Have	bookmark events	"Favorites" for later	Non-core, improves UX
Must Have	view event details	See time, location, image, and Maps link	Core MVP	Should Have	share events	Share via social media	Boosts visibility
Must Have	register for an event	Register and receive confirmation	Core MVP	Could Have	receive event reminders	Email or push notification reminders	Post-MVP
Must Have	propose a new event	Fill in a form to propose a new event	Core MVP	Could Have	personalized recommend	System based on interests	Post-MVP
Must Have	As an admin, review event	Approve or reject events	Core MVP	Won't Have (not in MVP)	chat/discussion	Chat/forum	Out of scope for MVP
Must Have	As an admin, publish events	Add events in the event list	Core MVP	Won't Have (not in MVP)	Multi-language	Only English supported in MVP	Out of scope for MVP

User stories and acceptance criteria

- **INVEST: Independent, Negotiable, Valuable, Estimable, Small, Testable**
- **Search & Filter Events**

- **User Story (INVEST):**
  As a **user**, I want to **search and filter events by keyword, category, and date range**, so that I can **quickly find relevant events**.
- ✅ **Acceptance Criteria:**
- User can type a keyword in a search bar → results update with matching events.
- User can filter by **category** (Market, Festival, Music, Sports, Community, Other).
- User can filter by **date range** (start and end date).
- If no events match → display a "No events found" message.
- Search + filter can be combined (e.g., keyword + category).
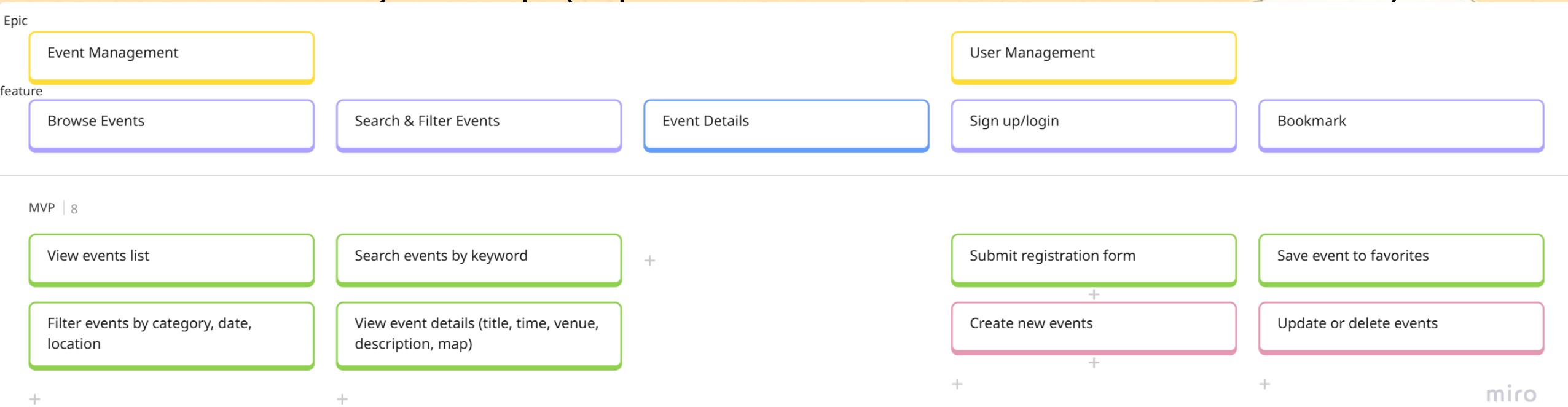
User stories and acceptance criteria

- . **View Event Details**

- **User Story (INVEST):**
  As a **user**, I want to **open an event detail page**, so that I can **see full information before deciding to attend**.

- ✅ **Acceptance Criteria:**

- Clicking an event card opens a **detail page**.

- Event detail page shows: **title, description, start/end time, venue, suburb, tags, image (if available)**.

- "Open in Maps" button redirects to Google Maps with event address.

- Mobile view is responsive (content readable without zoom).

User stories and acceptance criteria

- **dmin: Manage Events (CRUD)**

- **User Story (INVEST):**
  As an **admin**, I want to **create, update, and delete events**, so that I can **manage the event listings shown to users**.

- ✅ **Acceptance Criteria:**

- Admin login required before accessing the dashboard.

- Admin can **create a new event** with required fields (title, category, start/end time, venue, suburb, description).

- Admin can **edit an existing event** and save changes → immediately reflected on the public site.

- Admin can **delete an event** → it disappears from the event list.

- Form validations: title required, date must be valid, end date ≥ start date.

User story map(epics → features → stories)

Event Management			User Management	

feature

| Browse Events | Search & Filter Events | Event Details | Sign up/login | Bookmark |

MVP | 8

View events list	Search events by keyword		Submit registration form	Save event to favorites
Filter events by category, date, location	View event details (title, time, venue, description, map)		Create new events	Update or delete events

miro

Epic 1: Event Management
- **Feature 1.1: Browse Events**
  - Story: user can see a list of upcoming events, showing title, date, time, and venue
- **Feature 1.2: Search & Filter**
  - Story: user can search events by keyword, filter events by category, date
- **Feature 1.3: Event Detail**
  - Story: user can view detailed info (time, location, description, images)

Epic 2: User management
- **Feature 2.1: sign up, login**
  - Story: As a user, I can submit name, email, and phone to sign up and login the account..
- **Feature 2.2: Bookmark, create/update/register new events**
  - Story: As a user, I want to save events to my favorites so I can revisit them later.
  - Story: As a user, I want to share an event link via social media or email so I can invite friends.

Mockups to reflect MVP and story

Mockup of Events search and events list
Story: users should search events and view list

Second Mockup of Events search and events list
Story: users should search events and view list

NT Local Event Finder   Home   Search Events   Login   Register

Find Your Perfect Event

Discover amazing events happening across the Northern Territory

8
Total Events

8
Regions

▼ **Filters**

Search

Search events...   ✕

Region

All Regions   ⌄

Category

☐ Festival
☐ Sport
☐ Music
☐ Art
☐ Community
☐ Market

Showing 1-8 of 8 events

Sort by: Date (Earliest First) ⌄

Jul 30, 2025 06:00

Uluru Sunrise Marathon

📍 Uluru

Participate in marathon race at the foot of sacred Uluru.

Sport   Marathon

Aug 1, 2025 08:00

Tennant Creek Community Market

📍 Tennant Creek

Monthly community market with local crafts and food.

Market   Community

Aug 15, 2025 18:00

Darwin Festival

📍 Darwin City Centre

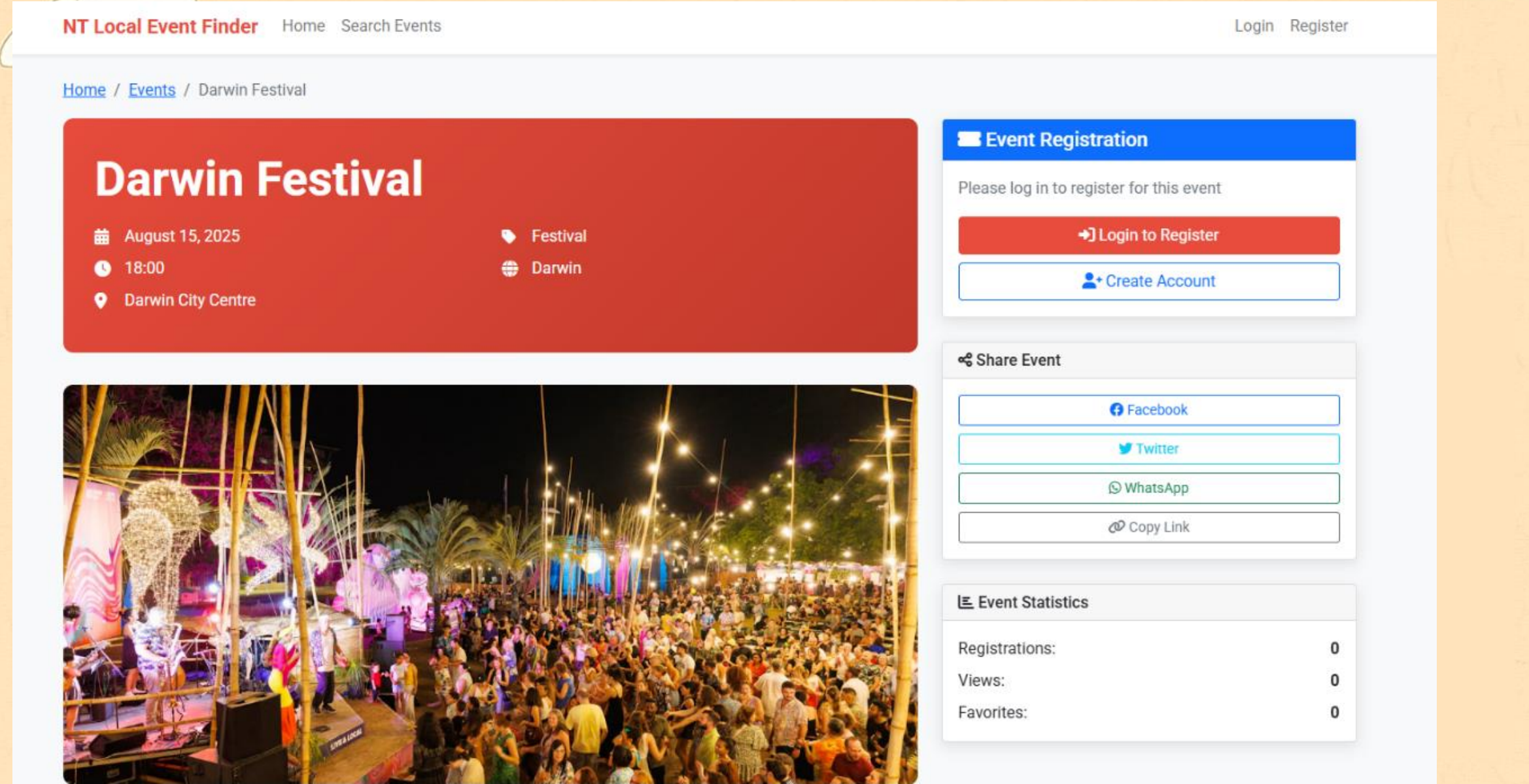Annual Darwin festival showcasing local culture and arts.
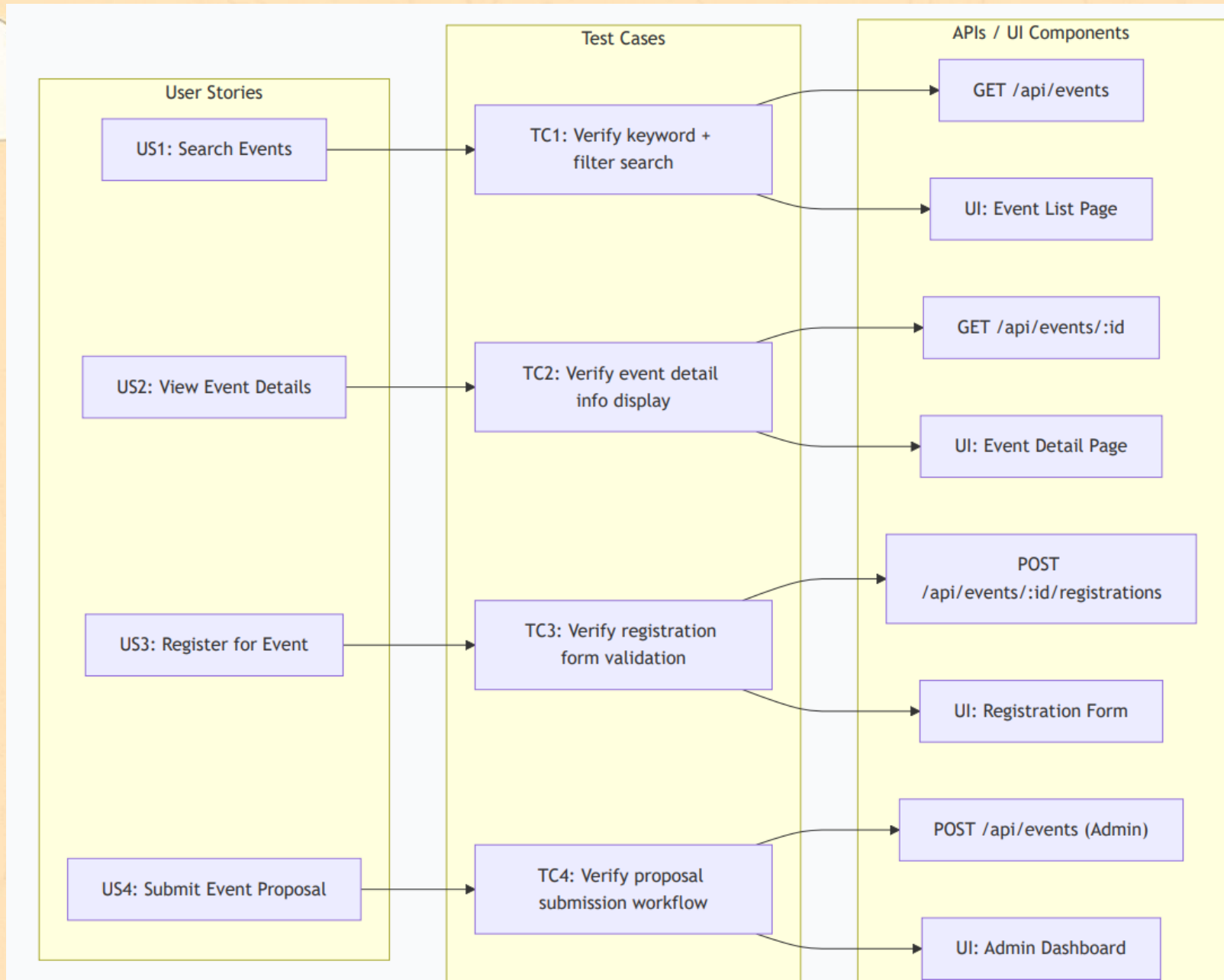
Culture   Arts

Mockup of Event Detail
Story: Users can view event detail including date, location, image. Users can collect and share.

NT Local Event Finder   Home   Search Events

Login   Register

Home / Events / Darwin Festival

Darwin Festival

📅 August 15, 2025

🕐 18:00

📍 Darwin City Centre

🏷️ Festival

🌐 Darwin

📧 Event Registration

Please log in to register for this event

➡️ Login to Register

👤⁺ Create Account

❖ Share Event

ⓕ Facebook

🐦 Twitter

🟢 WhatsApp

🔗 Copy Link

📊 Event Statistics

Registrations: 0

Views: 0

Favorites: 0

Requirement traceability matrix

Validation rules

- **Event title** cannot be empty and must contain at least 5 characters.
- **Event date/time** must be set in the future; past dates are not allowed.
- **Registration user** must provide a valid email address (format validation required).
- **Favorite/Register actions** must validate that the user is logged in.
- **Admin review actions** must validate the user's role and permissions.