NT Local Event Finder

Group B

Project Overview and Goals

- **Project Overview: NT Local Event Finder is a lightweight web application designed to help residents and visitors in Darwin and the Northern Territory discover and register for local events.**

- **Project Goals: Provide a simple and intuitive platform for the public to browse and search for events. Deliver detailed event information (time, venue, suburb, description, Google Maps link).Enable users to register their interest and save favorite events.**

Capabilities and requirements

- Activity Discovery Capability: The system allows users to search, filter, and view detailed activity information

- Interest Registration Capability: Users can submit activity interest and make bookmark of interest activities.

- Activity Management Capability: Administrators can create, update, delete, and monitor activity listings and registration information through a secure dashboard.

- Functional Requirement: The Functional Requirement of system should display the title, description, start/end time, suburb, and a Google Maps link using the address or latitude/longitude, and include registration, login, bookmarking, favorites, search, following, and messaging.

- Non-Functional Requirement: The application must be responsive on mobile devices and the activity list must load in under 2 seconds.

Business processes

- Level 1 (Strategic Level): Increase participation rate and culture value in community events in Darwin and Northern Territory,

- Level 2 (Tactical Level): administrators review and add new activities; the users searches activities;

- Level 3 (Operational Level): Users search for activities:

- Enter keywords in the search bar.

- Apply filters (e.g., select a date range using the calendar picker).

- View search results in card format.

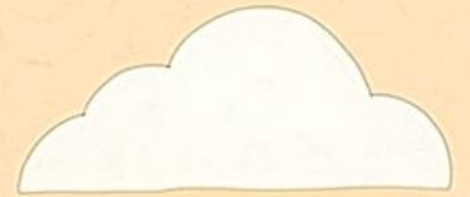- Click a card to open the detailed information page, including map links.

User Stories: User

- **Public Event Discovery**
- As a user, I want to browse a list of events or list view so that I can quickly scan upcoming local Darwin NT activities.
- As a user, I want to search events by keyword so that I can find specific interests like "beach markets."
- As a user, I want to filter events by category, range, and suburb so that I can determine options.
- Interest Registration
- As a user, I want to submit an "Interest" form for an event so that organizers can contact me. The website can recommend activities that match my interests.
- As a public user, I want to see a success screen after registration so that I know my submission was received. Displays "Thanks! We'll be in touch" with event recap and option to register for another event.
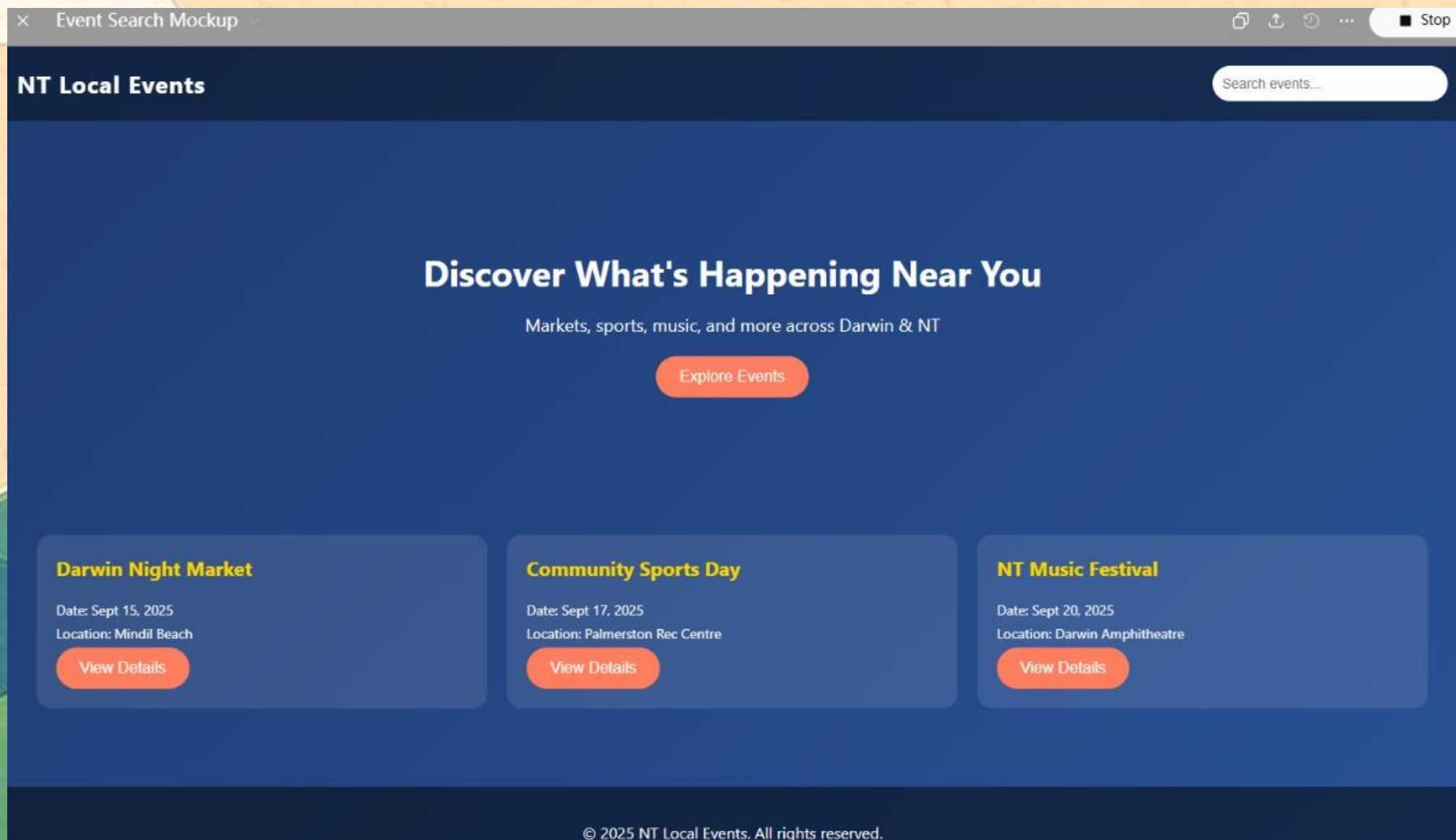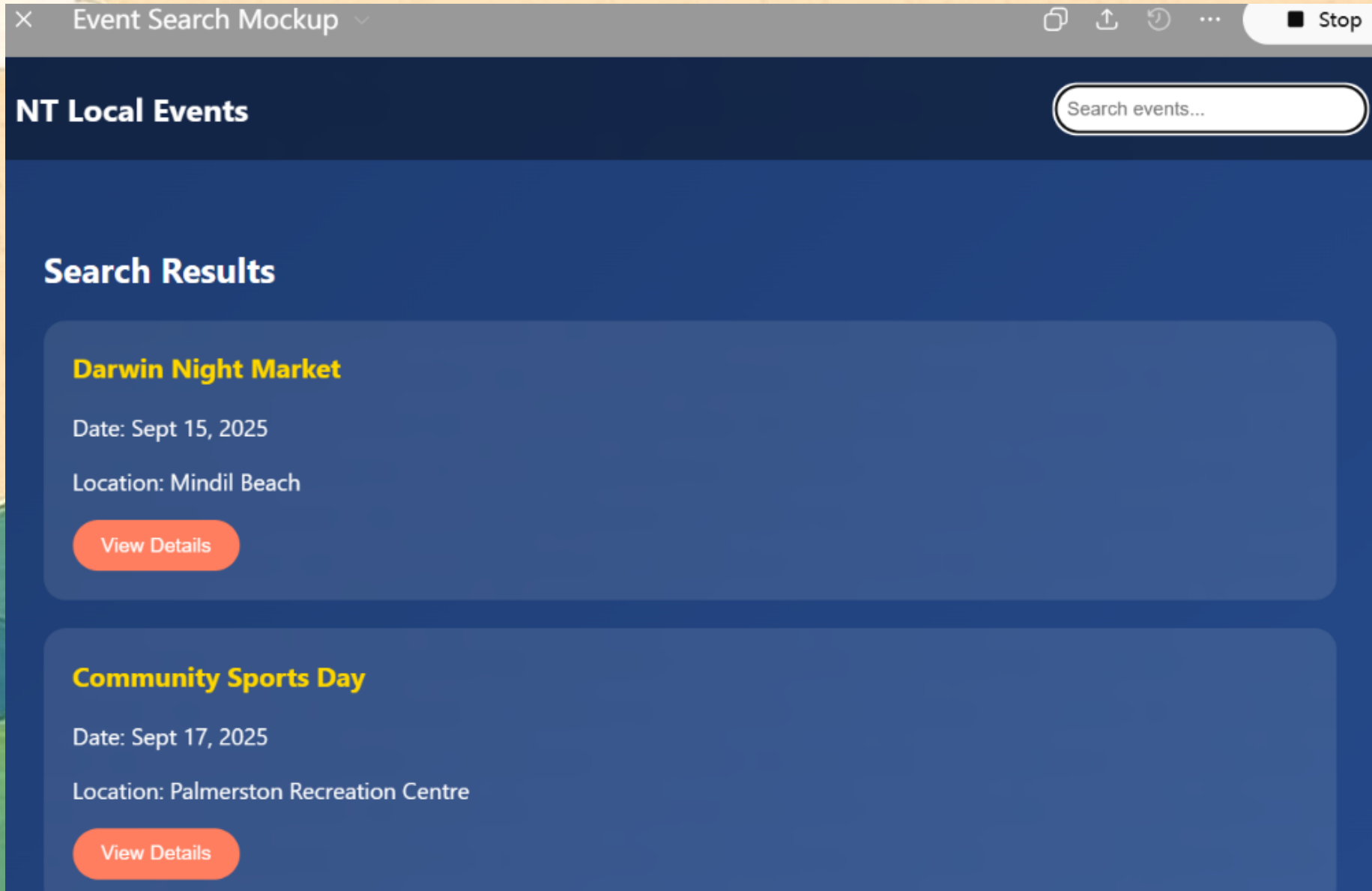
Stories: Admin

- **Admin Dashboard**
- As an admin, I want to log in with email or password so that I can access the protected dashboard.
- As an admin, I want to search new events from Darwin or NT coming activities news.
- As an admin, I want to add, update or delete an existing event so that I can keep listings accurate.
- As an admin, I want to view registrations for an event so that I can track interest.

Mockup of screens: Homepage

Search page

Event detail

Event Detail

Darwin Night Market

Description: A vibrant community night market with food stalls, crafts, and music.

Time: Sept 15, 2025, 5–9 PM

Suburb: Darwin City

View on Google Maps

Register Interest

Admin dashboard

Admin Dashboard

Add Event | Edit Event | Delete Event | Export CSV

User dashboard

User Profile

Name: Alex Johnson

Email: alex@example.com

My Bookmarked Events

- Darwin Night Market
- NT Music Festival

Edit Profile