Project: NT Local Event Finder
Iteration 1

Research or examine the following key items: **capabilities, business processes (define all three levels), user personas, user stories, and requirements.** Understanding how these elements are interconnected is crucial. Write examples of each topic and explain to team

Capabilities of system:

Activity Discovery Capability: The system allows users to search, filter, and view detailed activity information (including map links) to promote participation in local events in Darwin/Northern Territory.

Interest Registration Capability: Users can submit activity contact information, have their submissions recorded, and optionally receive confirmation emails.

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

business processes (define all three levels):

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 personas:

Persona 1: Leisure Activity Participant (Alex, 28, Darwin resident)
Demographics: Young professional living in the city center, performs all activities via mobile.
Goals: Quickly find free weekend activities for socializing.
Problems (problems, difficulties, or inconveniences that users encounter when using a product or service): Activity information is scattered across Facebook or groups; difficult to filter by suburb or date.
Behaviors: Browses on mobile during commutes; prefers simple searches over complex apps.

Persona 2: Community Organizer (Jordan, 45, Event Coordinator)
Demographics: Administrator role, volunteers for Northern Territory festivals, uses desktop for management.
Goals: Easily add/update activities and track registrations to increase participation.
Problems: Manages registrations manually via spreadsheets; lacks quick CSV export.

Behaviors: Logs in weekly for CRUD operations; needs a secure, responsive dashboard.

user stories:

As a user, I want to search for activities by keyword so that I can find specific interests, such as "market."

As an administrator, I want to add activities, promote activities, and boost activity popularity. export registration information.

Requirements:

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.

[BA] Write some sample user Stories for your product

Sample user Stories for NT Local Event Finder

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.

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.

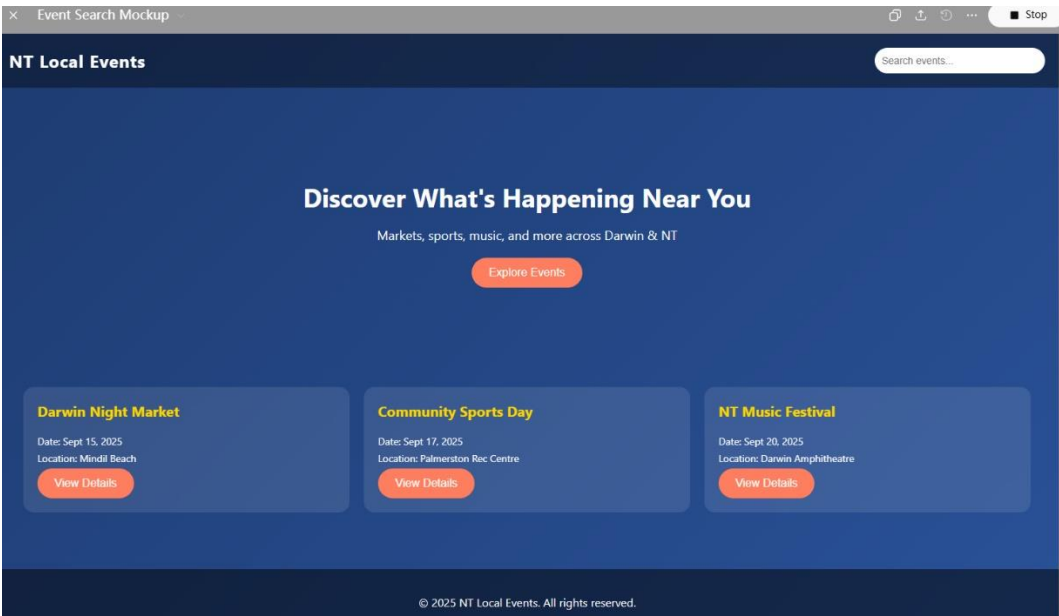As an admin, I want to add, update or delete an existing event so that I can keep listings accurate.

As an admin, I want to view registrations for an event so that I can track interest.

As an admin, I want to export registrations so that I can provide promotion to users.
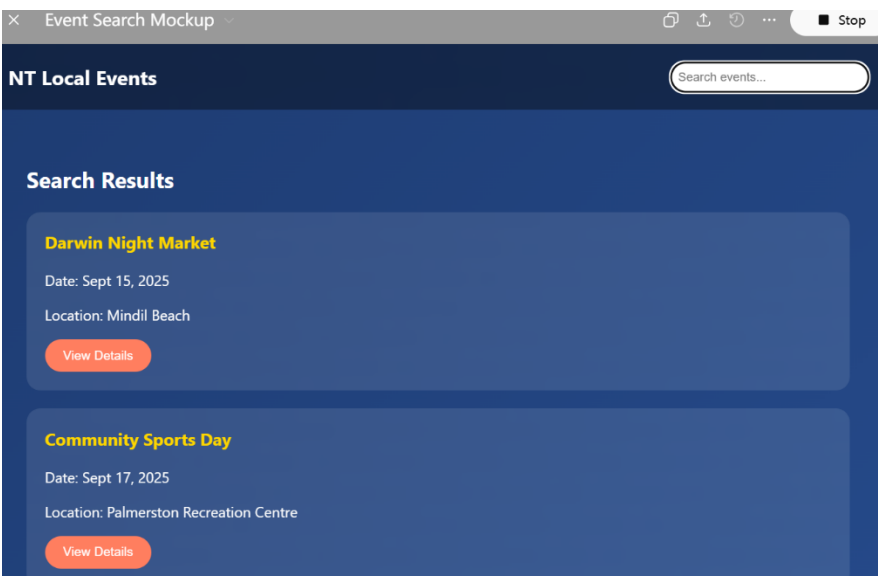
[BA] Do mockup of screens and add to the tasks/stories for developers to know
The mockup of searching module
Homepage mockup

Search mockup

Event Search Mockup ✕ ⌄

Search activities (e.g., mark | 年 /月/日 □ | Search

Darwin Night Market

Date: Sept 15, 2025, 5:00 PM - 9:00 PM
Location: Mindil Beach, Darwin
View on Google Maps

Community Sports Day

Date: Sept 17, 2025, 10:00 AM - 2:00 PM
Location: Palmerston Recreation Centre
View on Google Maps

Event detail mockup

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 profile in account page

User Profile

Name: Alex Johnson

Email: alex@example.com

My Bookmarked Events

- Darwin Night Market
- NT Music Festival

Edit Profile

[BA] Identify Validation rules for some user stories

[BA] Research on backlog grooming process for iteration