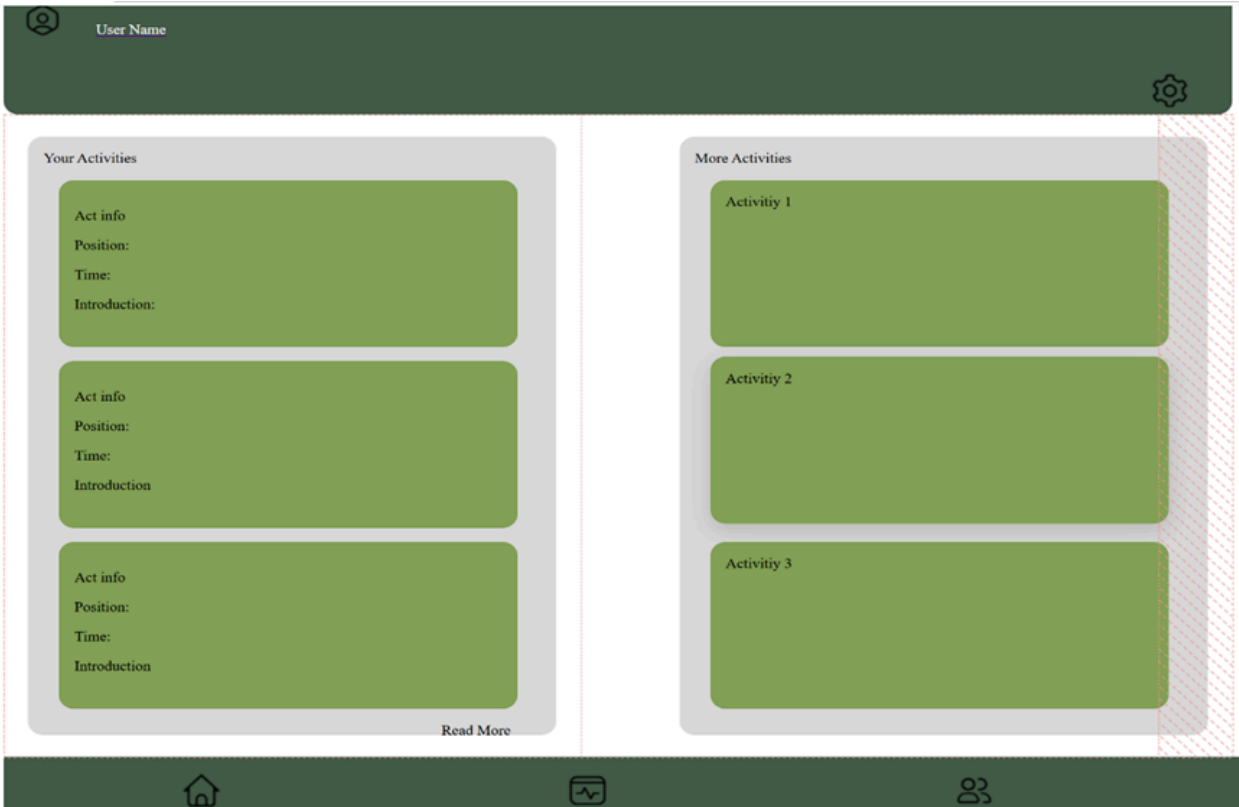


# PART A

Your Activities: Icons, status colors, and buttons allow users to quickly identify activity types and action points, solving the problems of "undifferentiated information and unclear interactions," thus improving operational efficiency.

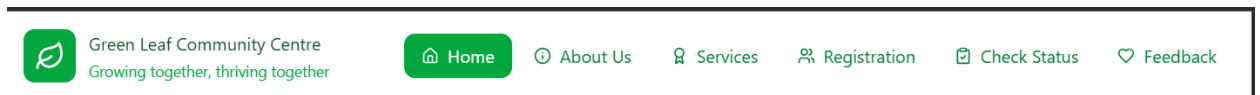
More Activities: Supplementing key information with action buttons solves the problem of "unpredictable functionality," reducing user decision-making costs.

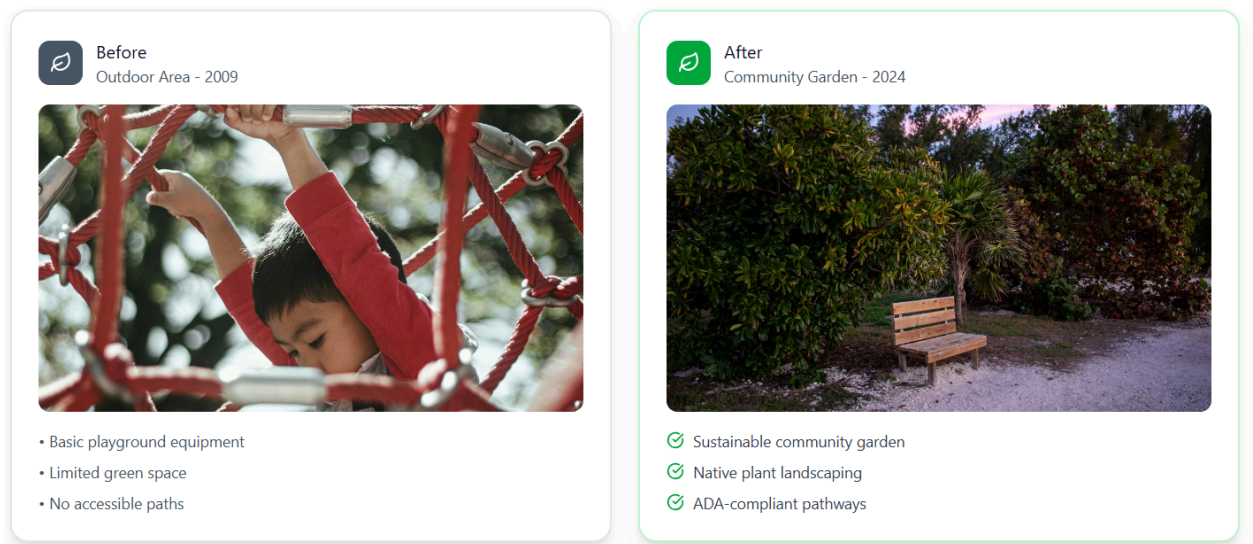




## PART B

### 1. Navigation pattern





**Pattern:** Top Navigation Bar

**Feature:** Dashboard

**Justification:** A top navigation bar provides clear and consistent access to the main sections of the application.

**Problem Solved:** Reduces user disorientation when navigating between pages.

**Expected Improvement:** Faster and more efficient navigation.

## 2. Input & Forms

The screenshot shows a web application with a light green background. At the top, there is a navigation bar with five items: 'Membership' (with a person icon), 'Event Sign up' (with a calendar icon and highlighted with a green underline), 'Facility Booking' (with a house icon), 'Contact Us' (with a speech bubble icon), and 'Check Status' (with a document icon). A heart icon is also present on the right. Below the navigation bar is a form titled 'Event Registration' with the subtitle 'Sign up for upcoming community events and activities'. The form contains several sections: 'Select Event \*' with a dropdown menu showing 'Choose an event...'; 'Your Information' section with 'Full Name \*' (a text input field), 'Email Address \*' (a text input field), and 'Phone Number \*' (a text input field); 'Number of Attendees \*' with a text input field containing the number '1'; and 'Special Requirements' with a text area labeled 'Dietary Restrictions'. A small black circle with a white question mark is located in the bottom right corner of the form area.


**Pattern:** Inline Form Validation

**Feature:** Join Event / Submit Activity Form

**Problem Solved:** Prevents user errors by immediately notifying users of invalid or missing input.

**Expected Improvement:** Fewer failed form submissions and improved user experience.

### 3. Feedback & Status



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Share Your Feedback

Help us improve by sharing your experience with our community centre

View Testimonials

Your Information

Your Name \*

Email Address \*

Membership Type \*

Select membership type...


Overall Rating \*

Feedback Category \*

Select a category...

Feedback Title

Brief summary of your feedback



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Your Feedback \*

Please share your experience, suggestions, or concerns...

Would you recommend us to others? \*

Yes

No

Maybe

Submit anonymously

Your name will not be shared with staff or other members

Share as testimonial

Allow us to feature your positive feedback on our website and materials

Submit Feedback

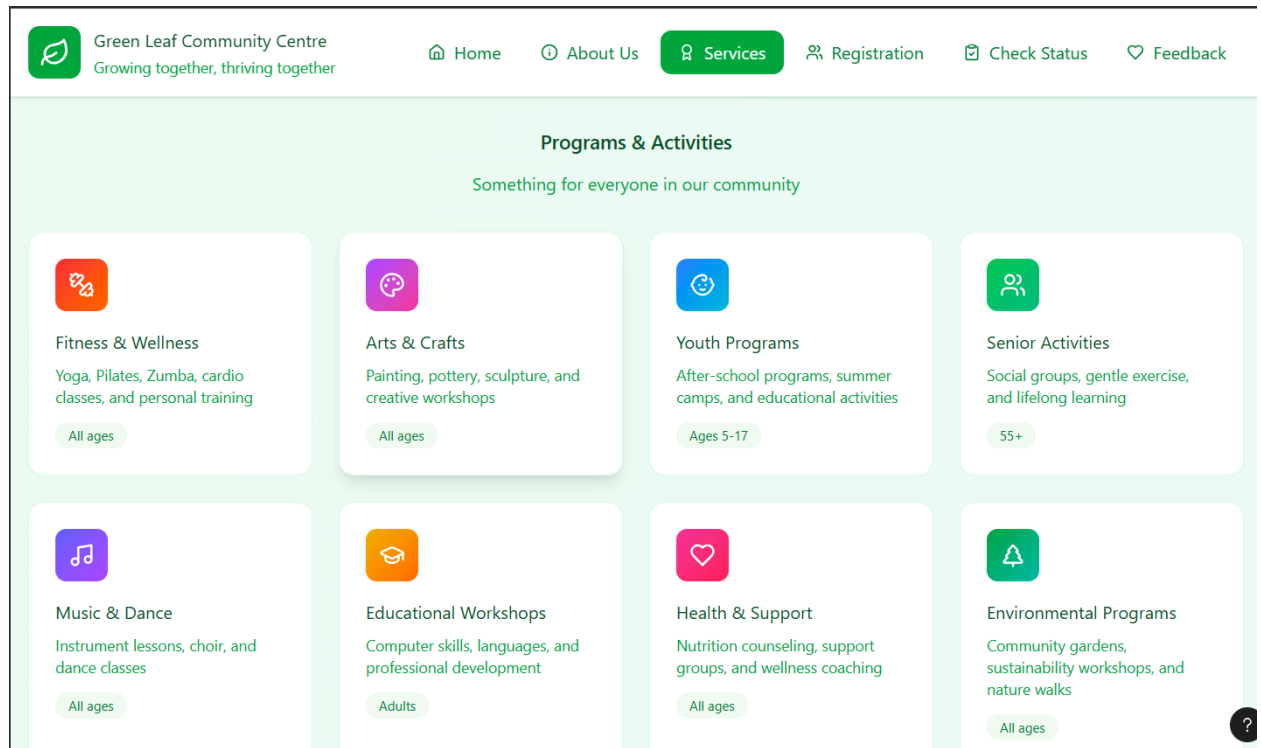
**Pattern:** Success Message with Loading Indicator

**Feature:** Event Registration

**Problem Solved:** Reduces uncertainty by clearly informing users that their action is being processed or successfully completed.

**Expected Improvement:** Increased user confidence and trust in the system.

#### 4. Layout & Structure




**Pattern:** Card-Based Layout

**Feature:** Event List / Activities

**Problem Solved:** Minimizes content overload by visually separating information into digestible sections.

**Expected Improvement:** Improved readability and scannability of content.

#### 5. Data Presentation



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### Our Facilities

Modern, well-maintained spaces for all your needs

#### Main Hall

\$150/hour

Capacity: 200 people

- Stage
- Sound system
- Catering kitchen

#### Fitness Center

Membership

Capacity: 50 people

- Modern equipment
- Group class space
- Locker rooms

#### Art Studio

\$60/hour

Capacity: 30 people

- Natural lighting
- Pottery wheels
- Storage

#### Meeting Rooms

\$40-50/hour

Capacity: 15-20 people

- WiFi
- Projector
- Whiteboard

#### Outdoor Garden

\$100/hour

Capacity: 100 people

- Green space
- Seating areas
- Event setup


#### Kitchen Facilities

\$75/hour

Capacity: 12 people

- Commercial grade
- Cooking classes
- Event catering

### Membership Options



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### Membership Options

Choose the membership that fits your lifestyle

#### Individual

\$45/month

- Access to all facilities
- Unlimited fitness classes
- Discounted programs
- Member events

Join Now

Most Popular

#### Family

\$85/month

- Up to 4 family members
- All individual benefits
- Family programs
- Priority booking

Join Now

#### Senior

\$30/month

- Age 55+ discount
- Specialized programs
- Weekday access
- Social activities

Join Now

#### Student

\$25/month

- Valid student ID required
- Study spaces
- Educational programs
- Career workshops

Join Now

## Ψ

Ready to Get Started?

Join our community today and start enjoying all the benefits of membership. Sign up online or

**Pattern:** Progress Tracker (Points / Tree Growth)  
**Feature:** User Profile

**Problem Solved:** Helps users clearly understand their level of contribution and progress.

**Expected Improvement:** Increased user motivation and engagement.

## PART C

No	Summary Test Scenario	Pre-requisite	Test Case	Expected Result
1	Navigate to Events page	User logged in	Tap Events in navbar	Events page loads
2	Submit invalid form	User on join event page	Enter incorrect email	Inline error appears
3	Join event successfully	Event available	Tap Join button	Success message shown
4	View dashboard events	User logged in	Open dashboard	Events shown in cards
5	Check green points	Activity completed	Open profile	Progress bar updates
6	Submit empty form	User on form page	Tap submit without input	Clear error message displayed



