

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.



User Name

Your Activities

Act info
Position:
Time:
Introduction

Act info
Position:
Time:
Introduction

Act info
Position:
Time:
Introduction

Read More

More Activities

Activity 1

Activity 2

Activity 3

PART B

1. Navigation pattern



Green Leaf Community Centre
Growing together, thriving together

Home

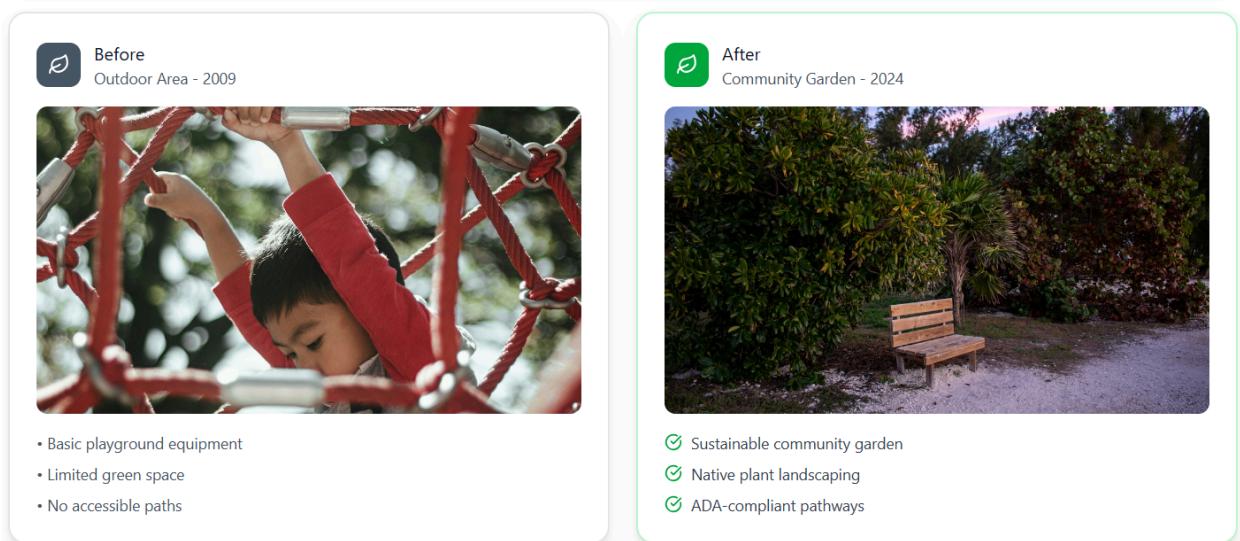
About Us

Services

Registration

Check Status

Feedback



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-based event registration interface. At the top, there's a navigation bar with links: 'Membership' (highlighted in green), 'Event Signup' (selected), 'Facility Booking', 'Contact Us', 'Check Status', and a heart icon. Below the navigation, the main content area has a title 'Event Registration' and a subtitle 'Sign up for upcoming community events and activities'. A dropdown menu labeled 'Select Event *' contains the placeholder 'Choose an event...'. The next section, 'Your Information', contains fields for 'Full Name *' (an empty input field), 'Email Address *' (an empty input field), and 'Phone Number *' (an empty input field). Below these is a field for 'Number of Attendees *' containing the value '1'. Under 'Special Requirements', there's a section for 'Dietary Restrictions' which is currently empty. In the bottom right corner of the form area, there's a small circular icon with a question mark inside.

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



[View Testimonials](#)

Share Your Feedback

Help us improve by sharing your experience with our community centre

Your Information

Your Name *

Email Address *

Membership Type *

Overall Rating *

Feedback Category *

Feedback Title



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

The screenshot shows the homepage of the Green Leaf Community Centre website. At the top, there is a navigation bar with links: Home, About Us, Services (which is highlighted), Registration, Check Status, and Feedback. Below the navigation bar, the page title is "Programs & Activities" with the subtitle "Something for everyone in our community". The main content area features eight cards arranged in two rows of four. Each card has a small icon, a category name, a brief description, and an age range indicator. The cards are: 1. Fitness & Wellness (yoga, pilates, zumba, cardio classes, personal training) - All ages. 2. Arts & Crafts (painting, pottery, sculpture, creative workshops) - All ages. 3. Youth Programs (after-school programs, summer camps, educational activities) - Ages 5-17. 4. Senior Activities (social groups, gentle exercise, lifelong learning) - 55+. 5. Music & Dance (instrument lessons, choir, dance classes) - All ages. 6. Educational Workshops (computer skills, languages, professional development) - Adults. 7. Health & Support (nutrition counseling, support groups, wellness coaching) - All ages. 8. Environmental Programs (community gardens, sustainability workshops, nature walks) - All ages. A question mark icon is located in the bottom right corner of the card grid.

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



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



Membership Options

Choose the membership that fits your lifestyle

Most Popular

Individual

\$45/month

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

[Join Now](#)

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](#)



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

