Product Requirements & Specification Document

Project Name

Evently - Event Listing Portal

Description

Evently is a web portal for users to browse, search, and filter local events by date, category, and location. The platform provides a simple, responsive interface for discovering events relevant to user interests.

1. Goals & Objectives

Goal	Description
Event Discovery	Enable users to find local events easily
Filtering & Search	Allow filtering by date, category, and location
Responsive UI	Ensure usability across devices
Startup Theme	Modern, clean, and engaging design

2. Core Features

Feature	Description
Event Listing	Display a list/grid of upcoming events
Search	Text-based search for event titles/descriptions
Filters	Filter events by date, category, and location
Event Details	View detailed information for each event
Responsive Design	Optimized for desktop and mobile
Basic Navigation	Home, Event Details, and Filtered Views

3. User Stories

As a…	I want to…	So that…
Visitor	Browse a list of local events	I can discover what's happening
Visitor	Filter events by date, category, location	I find relevant events quickly
Visitor	Search for events by keyword	I locate specific events easily
Visitor	View event details	I get more information to attend

4. Functional Requirements

ID	Requirement
FR1	Display a paginated list/grid of events
FR2	Implement search functionality for event titles/descriptions
FR3	Provide filters: date picker, category dropdown, location input
FR4	Show event details (title, date, time, location, description, category)
FR5	Responsive layout for mobile and desktop
FR6	Basic navigation between main views

5. Non-Functional Requirements

ID	Requirement
NFR1	Fast load times (<2s for main views)
NFR2	Accessibility (WCAG 2.1 AA compliance)
NFR3	Consistent, modern UI (startup theme)
NFR4	Codebase maintainability and readability

6. Technical Specifications

Area	Specification
Frontend	React (functional components, hooks)
Styling	Tailwind CSS, custom CSS as needed
Language	JavaScript (ES6+)
Markup	HTML5
State Mgmt	React useState/useEffect, context if necessary
Data Source	Static JSON or mock API (for MVP)
Routing	React Router (for navigation)
Testing	Manual testing, basic unit tests (optional)

7. UI/UX Requirements

Area	Specification
Layout	Clean, card-based event listing
Filters	Prominently placed, collapsible on mobile

Theme	Startup-inspired: modern, light, engaging
Accessibility	Keyboard navigation, alt text, color contrast
Responsiveness	Mobile-first, adapts to all screen sizes

8. Data Model (Sample)

```
{
  "id": "evt123",
  "title": "Startup Pitch Night",
  "date": "2024-07-15",
  "time": "18:00",
  "location": "Downtown Hub",
  "category": "Networking",
  "description": "An evening of startup pitches and networking."
}
```

9. Success Metrics

Metric	Target
Page Load Time	<2 seconds
Mobile Usability Score	>90% (Lighthouse)
Filter/Search Accuracy	100% (for available data)
Accessibility Score	>90% (Lighthouse)

10. Out of Scope

- User authentication/registration
- Event creation or management
- Payment or ticketing integration
- Real-time updates

11. Milestones & Timeline

Milestone	Target Date
UI Design & Prototyping	Week 1
Core Feature Dev	Weeks 2-3
Responsive Styling	Week 3
Testing & QA	Week 4

Launch MVP	End of Week 4

12. Appendix

References:

- React Documentation
- Tailwind CSS Documentation
- WCAG 2.1 Guidelines

End of Document