

## TEAM 15

Name: Raksha, Atharva, Aditya, Varana, Sachin

NUID: 002341520, 002058951, 002308207, 002051157, 0023160780

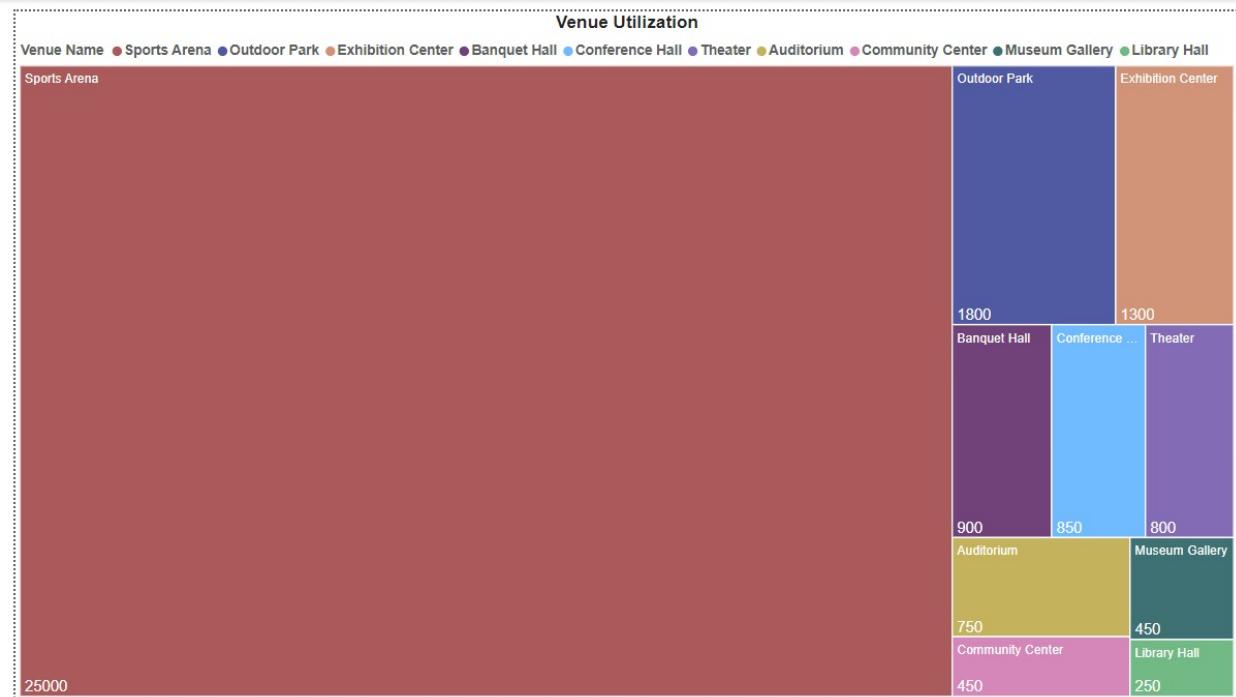
# UNIVERSITY EVENT MANAGEMENT

## DATA VISUALIZATION, DASHBOARD AND GUI

**Note:** In Data Visualization Files Folder we have provided Data\_Visualizations.pbix where in all visualizations along with the dashboard is present in the same file.

### 1. Chart: Venue Breakdown by Type and Capacity

- **Title:** Venue Utilization by Type and Capacity
- **Visual Type:** Treemap
- **Purpose:**
  - Displays the distribution of venue capacities by type.
  - Identifies venues with the highest and lowest capacities.
- **Problems Solved:**
  - Determine suitable venues for event sizes.
  - Address underutilized or oversized venue assignments.



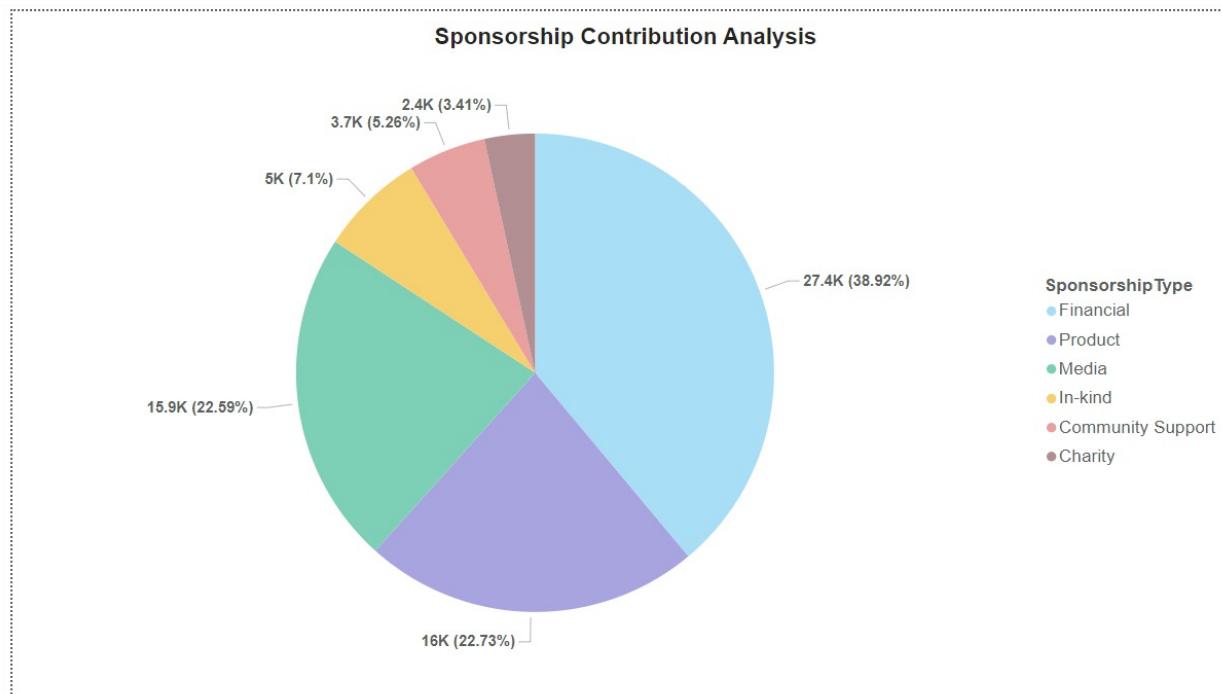
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### 2. Chart: Sponsorship Breakdown by Type

- **Title:** Sponsorship Contribution Analysis
- **Visual Type:** Pie Chart
- **Purpose:**
  - Highlights proportions of sponsorship funding by type.
  - Identifies the most and least significant sponsorship categories.
- **Problems Solved:**
  - Reduce dependency on specific sponsorship types.
  - Focus on increasing underrepresented sponsorship contributions.



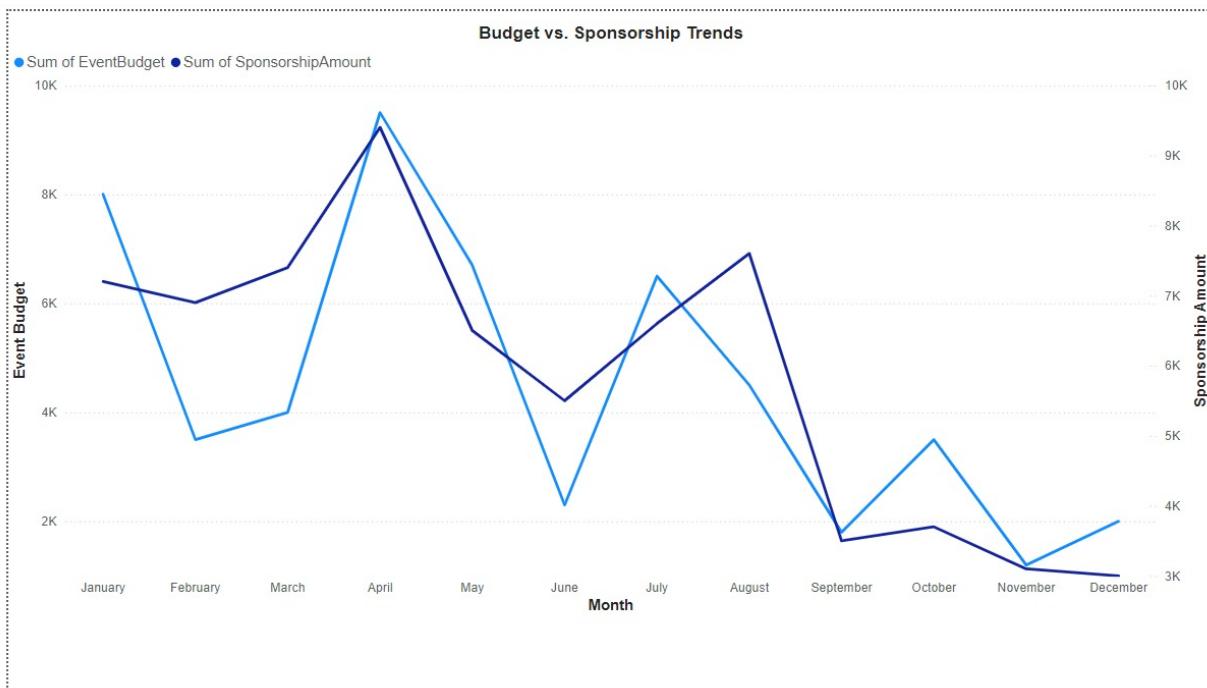
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### 3. Chart: Event Budget Utilization Over Time

- **Title: Budget vs. Sponsorship Trends**
- **Visual Type: Line Chart**
- **Purpose:**
  - Tracks budget utilization and sponsorship inflows across months.
  - Analyzes trends in financial performance.
- **Problems Solved:**
  - Ensure budget and sponsorship alignment.
  - Identify periods of financial imbalance for corrective measures.



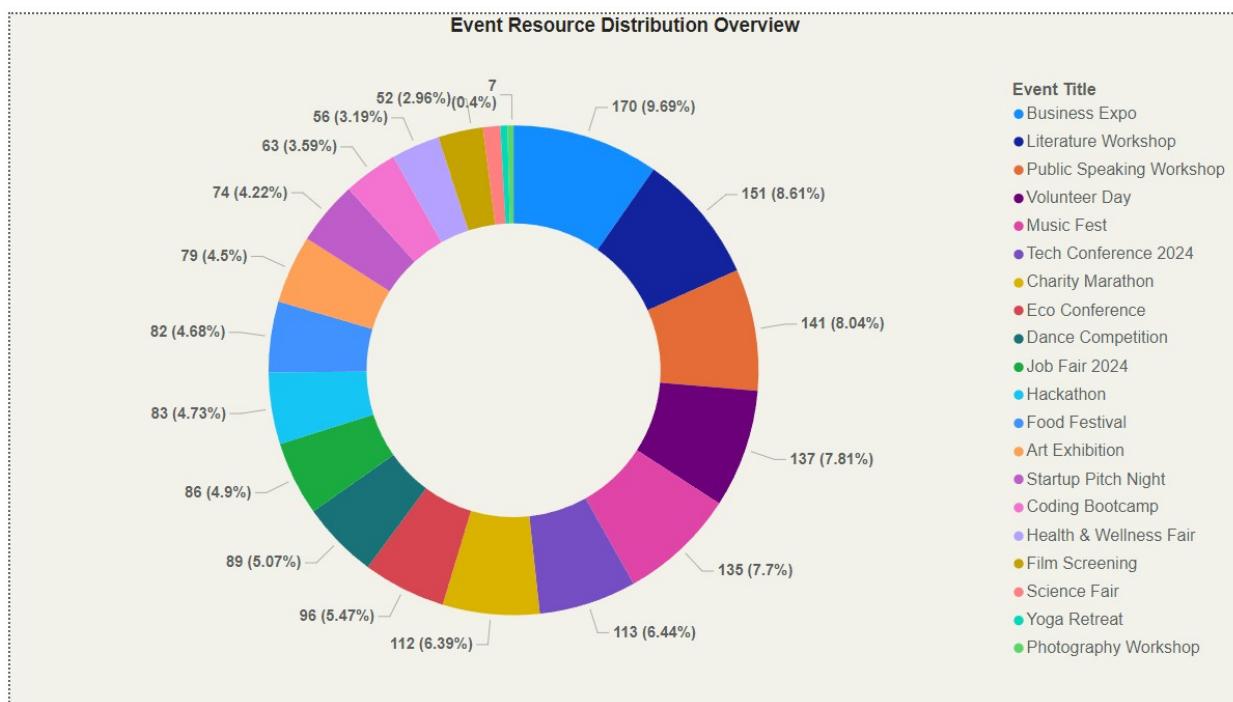
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### 4. Chart: Resource Allocation by Event

- **Title:** Event Resource Distribution Overview
- **Visual Type:** Donut Chart
- **Purpose:**
  - Displays resource distribution among events.
  - Helps visualize allocation percentages for different events.
- **Problems Solved:**
  - Balance resources across events.
  - Avoid over- or under-resourced activities.



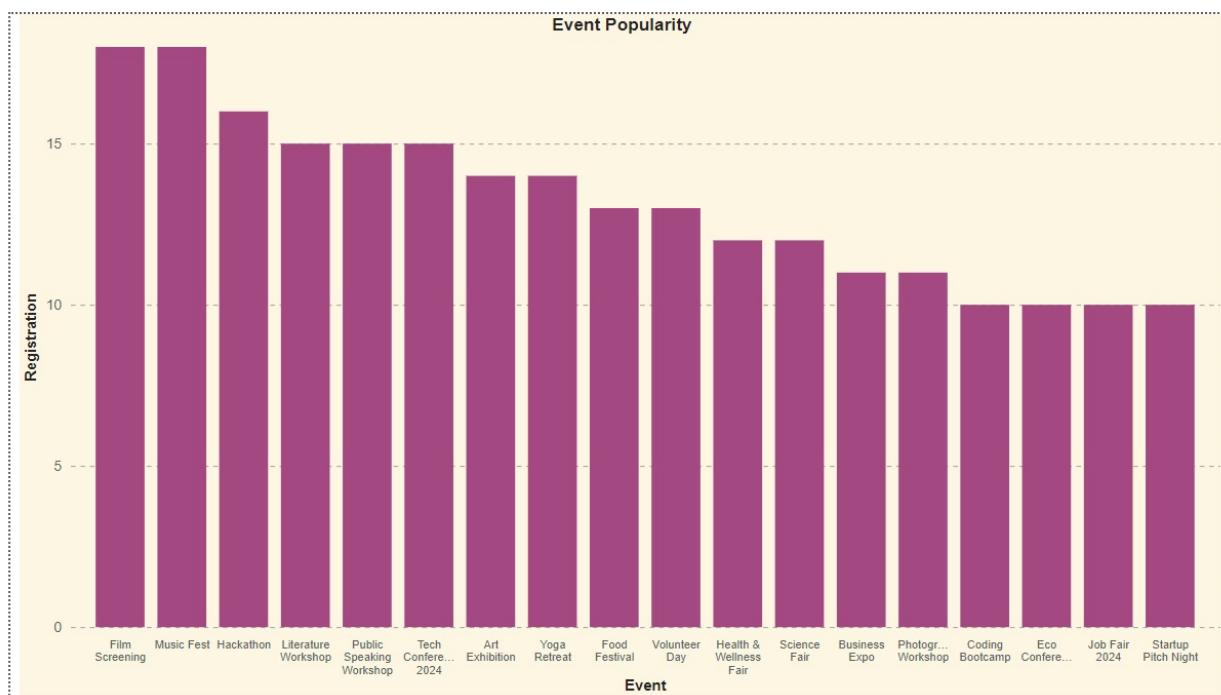
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### 5. Chart: Registration by Event

- **Title: Event Popularity by Registration Count**
- **Visual Type: Bar Chart (Vertical)**
- **Purpose:**
  - Highlights the registration count for each event.
  - Compares popularity across events.
- **Problems Solved:**
  - Identify events with low engagement for targeted promotion.
  - Analyze event trends to plan better for future editions.
  -

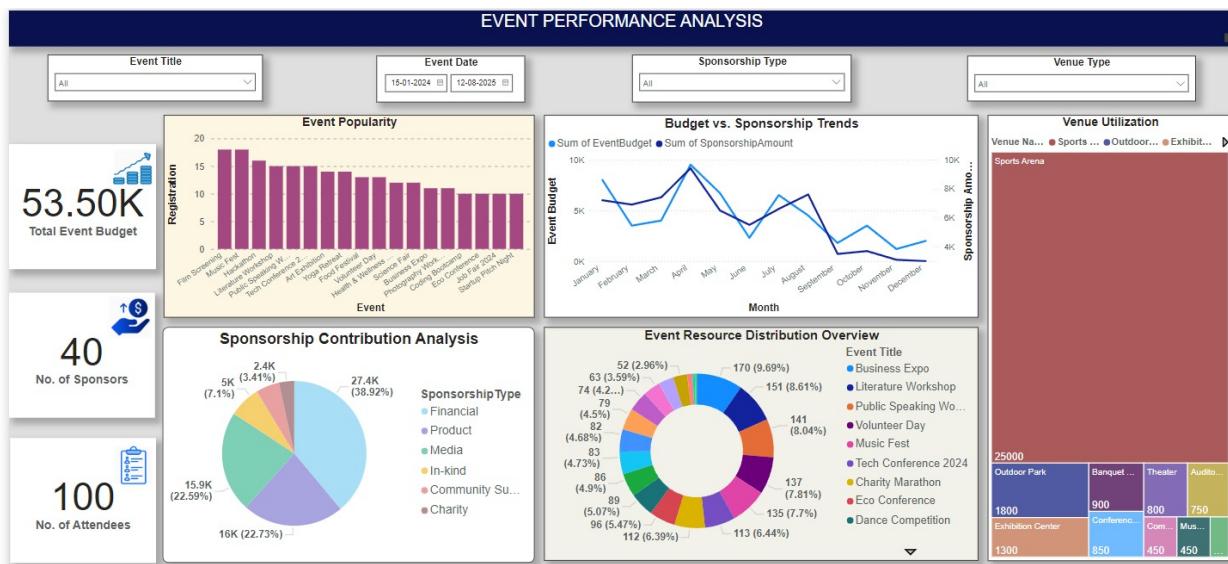


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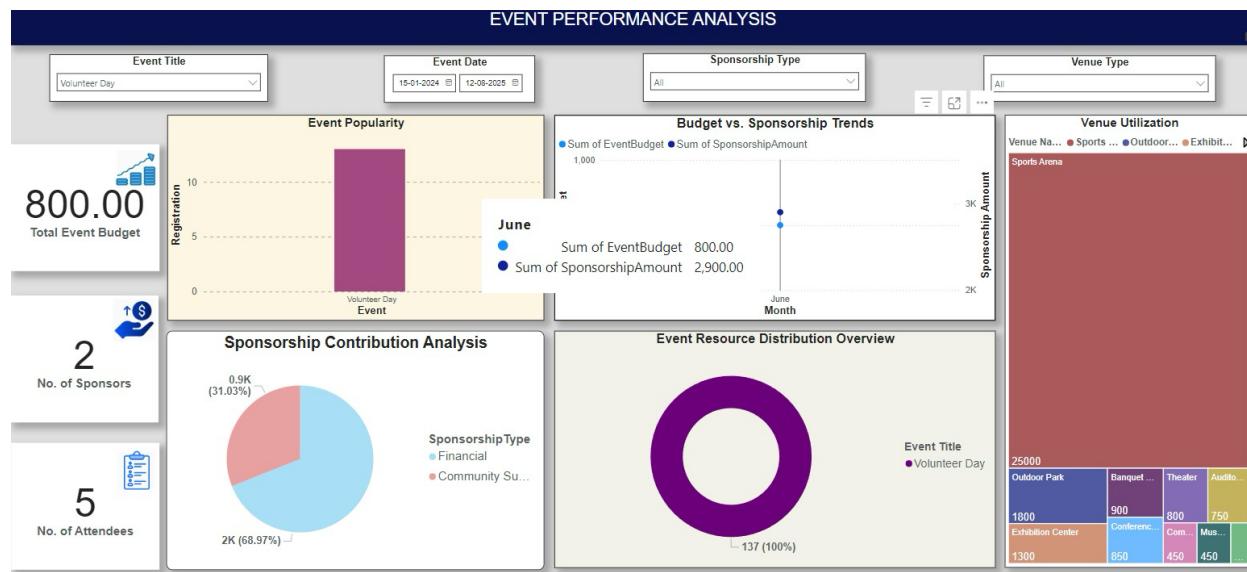
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## Dashboard



## After Applying Filters



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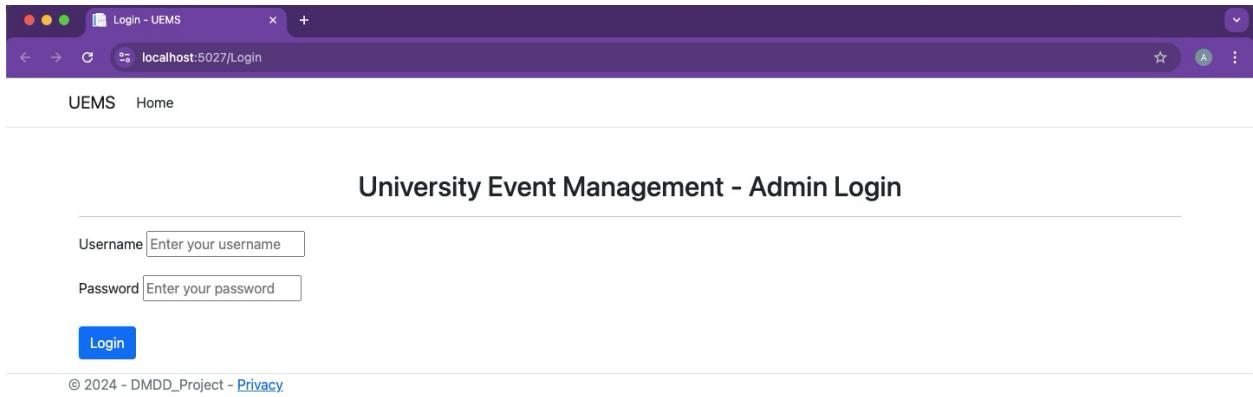
**NUID:** 002341520, 002058951, 002308207, 002051157, 0023160780

## GUI

**Note:** Currently implemented CRUD for Users and Events and working on Admin Login and User Signup & Login. Will implement more functionalities and present during presentation. Have also attached the implemented project as a zip in GUI Folder.

**Technology:** C#, SQL Server, VSCode

### -Admin Login



The screenshot shows a web browser window titled "Login - UEMS". The address bar displays "localhost:5027/Login". The main content area is titled "University Event Management - Admin Login". It contains two input fields: "Username" with placeholder text "Enter your username" and "Password" with placeholder text "Enter your password". Below these fields is a blue "Login" button. At the bottom of the page, there is a copyright notice: "© 2024 - DMDD\_Project - [Privacy](#)".

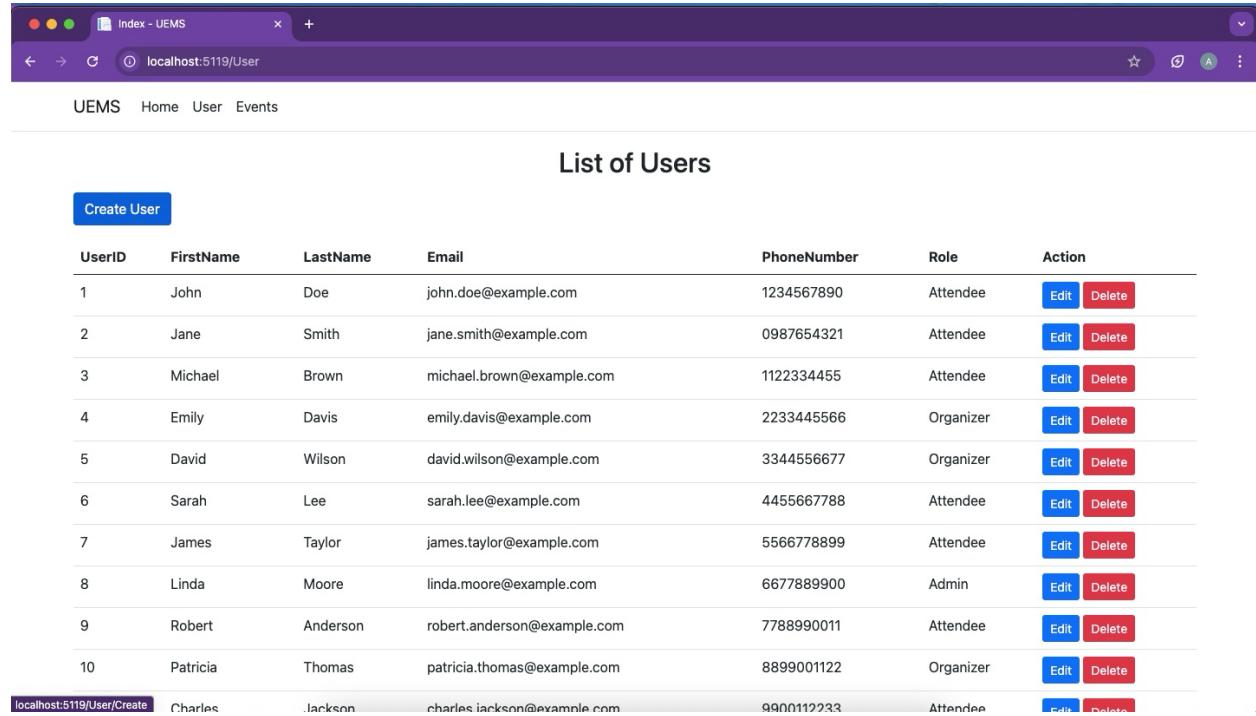
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### -USER

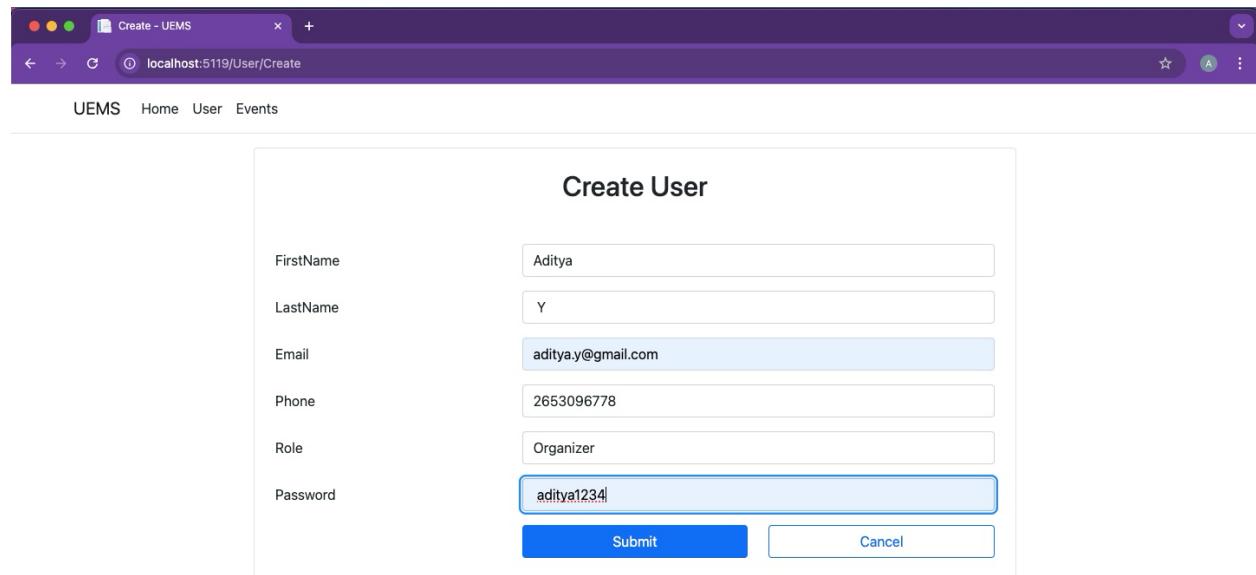
#### Read



The screenshot shows a web browser window titled "Index - UEMS" with the URL "localhost:5119/User". The page has a header with "UEMS", "Home", "User", and "Events" links. Below the header is a section titled "List of Users" with a "Create User" button. A table lists 11 users with columns: UserID, FirstName, LastName, Email, PhoneNumber, Role, and Action (Edit, Delete). The last row shows a new user being created with the ID 11.

UserID	FirstName	LastName	Email	PhoneNumber	Role	Action
1	John	Doe	john.doe@example.com	1234567890	Attendee	<button>Edit</button> <button>Delete</button>
2	Jane	Smith	jane.smith@example.com	0987654321	Attendee	<button>Edit</button> <button>Delete</button>
3	Michael	Brown	michael.brown@example.com	1122334455	Attendee	<button>Edit</button> <button>Delete</button>
4	Emily	Davis	emily.davis@example.com	2233445566	Organizer	<button>Edit</button> <button>Delete</button>
5	David	Wilson	david.wilson@example.com	3344556677	Organizer	<button>Edit</button> <button>Delete</button>
6	Sarah	Lee	sarah.lee@example.com	4455667788	Attendee	<button>Edit</button> <button>Delete</button>
7	James	Taylor	james.taylor@example.com	5566778899	Attendee	<button>Edit</button> <button>Delete</button>
8	Linda	Moore	linda.moore@example.com	6677889900	Admin	<button>Edit</button> <button>Delete</button>
9	Robert	Anderson	robert.anderson@example.com	7788990011	Attendee	<button>Edit</button> <button>Delete</button>
10	Patricia	Thomas	patricia.thomas@example.com	8899001122	Organizer	<button>Edit</button> <button>Delete</button>
localhost:5119/User/Create	Charles	Jackson	charles.jackson@example.com	9900112233	Attendee	<button>Edit</button> <button>Delete</button>

#### Create



The screenshot shows a web browser window titled "Create - UEMS" with the URL "localhost:5119/User/Create". The page has a header with "UEMS", "Home", "User", and "Events" links. Below the header is a "Create User" form with fields: FirstName (Aditya), LastName (Y), Email (aditya.y@gmail.com), Phone (2653096778), Role (Organizer), and Password (aditya1234). There are "Submit" and "Cancel" buttons at the bottom.

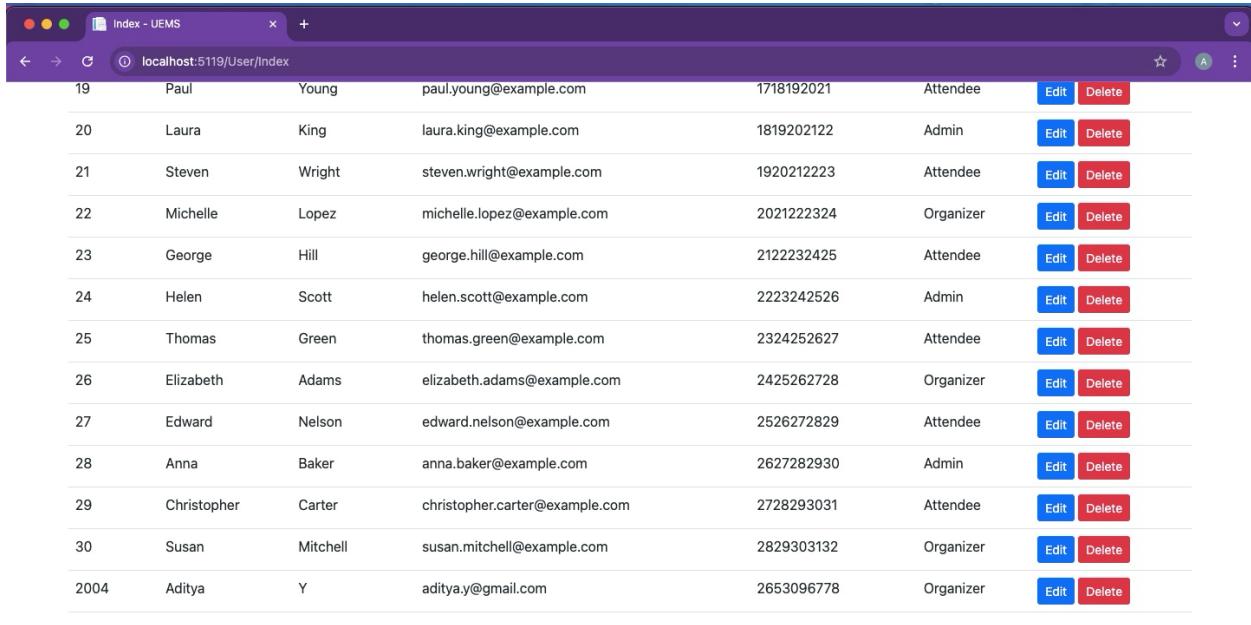
FirstName	Aditya
LastName	Y
Email	aditya.y@gmail.com
Phone	2653096778
Role	Organizer
Password	aditya1234

Submit Cancel

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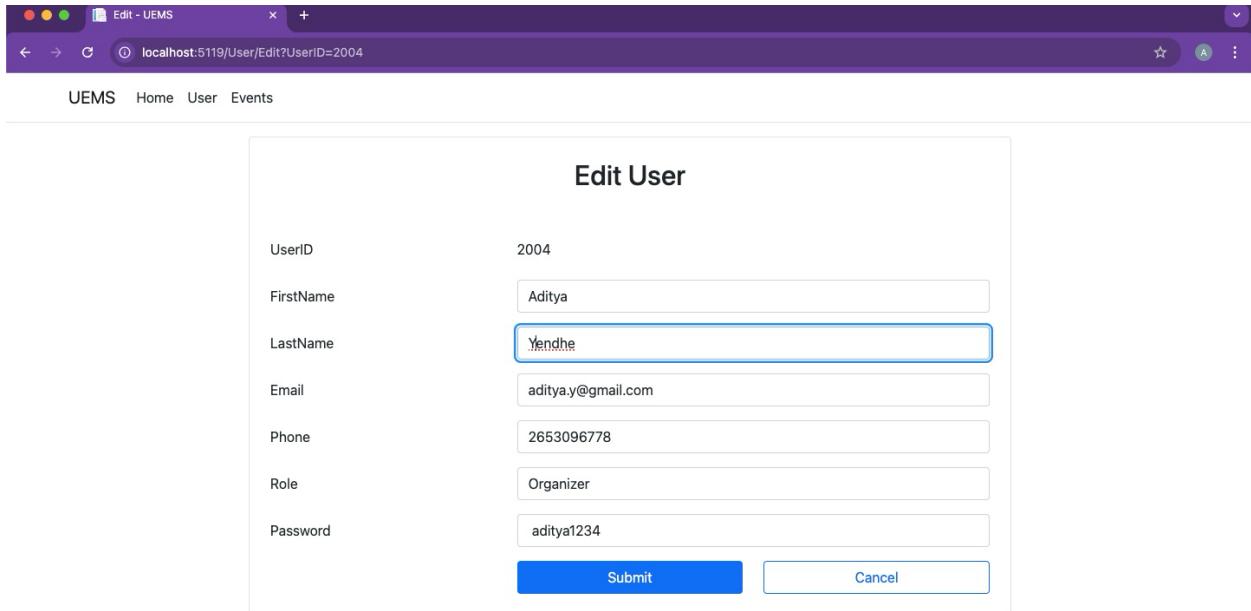
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UserID	FirstName	LastName	Email	CreatedAt	Role	Action	Action
19	Paul	Young	paul.young@example.com	1718192021	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
20	Laura	King	laura.king@example.com	1819202122	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
21	Steven	Wright	steven.wright@example.com	1920212223	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
22	Michelle	Lopez	michelle.lopez@example.com	2021222324	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
23	George	Hill	george.hill@example.com	2122232425	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
24	Helen	Scott	helen.scott@example.com	2223242526	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
25	Thomas	Green	thomas.green@example.com	2324252627	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
26	Elizabeth	Adams	elizabeth.adams@example.com	2425262728	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
27	Edward	Nelson	edward.nelson@example.com	2526272829	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
28	Anna	Baker	anna.baker@example.com	2627282930	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
29	Christopher	Carter	christopher.carter@example.com	2728293031	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
30	Susan	Mitchell	susan.mitchell@example.com	2829303132	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
2004	Aditya	Y	aditya.y@gmail.com	2653096778	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>

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## Update



UEMS Home User Events

### Edit User

UserID	2004
FirstName	Aditya
LastName	Yendhe
Email	aditya.y@gmail.com
Phone	2653096778
Role	Organizer
Password	aditya1234

[Submit](#) [Cancel](#)

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ID	Name	Last Name	Email	Created Date	Role	Action	Action
19	Paul	Young	paul.young@example.com	1718192021	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
20	Laura	King	laura.king@example.com	1819202122	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
21	Steven	Wright	steven.wright@example.com	1920212223	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
22	Michelle	Lopez	michelle.lopez@example.com	2021222324	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
23	George	Hill	george.hill@example.com	2122232425	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
24	Helen	Scott	helen.scott@example.com	2223242526	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
25	Thomas	Green	thomas.green@example.com	2324252627	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
26	Elizabeth	Adams	elizabeth.adams@example.com	2425262728	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
27	Edward	Nelson	edward.nelson@example.com	2526272829	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
28	Anna	Baker	anna.baker@example.com	2627282930	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
29	Christopher	Carter	christopher.carter@example.com	2728293031	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
30	Susan	Mitchell	susan.mitchell@example.com	2829303132	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
2004	Aditya	Yendhe	aditya.y@gmail.com	2653096778	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>

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## Delete

UEMS Home User Events

### Delete User

Are you sure you want to Delete this user?

UserID = 2004

[Delete](#) [Cancel](#)

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A screenshot of a web browser window titled "Index - UEMS" with the URL "localhost:5119/User/Index". The page displays a table of user information with columns: ID, Name, Last Name, Email, User ID, and Role. Each row includes "Edit" and "Delete" buttons. The data shows 30 users from ID 18 to 47.

ID	Name	Last Name	Email	User ID	Role	Edit	Delete
18	Jennifer	Allen	jennifer.allen@example.com	1617181920	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
19	Paul	Young	paul.young@example.com	1718192021	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
20	Laura	King	laura.king@example.com	1819202122	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
21	Steven	Wright	steven.wright@example.com	1920212223	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
22	Michelle	Lopez	michelle.lopez@example.com	2021222324	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
23	George	Hill	george.hill@example.com	2122232425	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
24	Helen	Scott	helen.scott@example.com	2223242526	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
25	Thomas	Green	thomas.green@example.com	2324252627	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
26	Elizabeth	Adams	elizabeth.adams@example.com	2425262728	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>
27	Edward	Nelson	edward.nelson@example.com	2526272829	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
28	Anna	Baker	anna.baker@example.com	2627282930	Admin	<a href="#">Edit</a>	<a href="#">Delete</a>
29	Christopher	Carter	christopher.carter@example.com	2728293031	Attendee	<a href="#">Edit</a>	<a href="#">Delete</a>
30	Susan	Mitchell	susan.mitchell@example.com	2829303132	Organizer	<a href="#">Edit</a>	<a href="#">Delete</a>

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## -EVENT

### Read

A screenshot of a web browser window titled "Index - UEMS" with the URL "localhost:5119/Events". The page displays a table of event information with columns: Event ID, Venue ID, Category ID, Organizer ID, Title, Description, Budget, and Action. Each row includes "Edit" and "Delete" buttons. The data shows 11 events from ID 1 to 11.

List of Events							
<a href="#">New Event</a>							
EventID	VenueID	EventCategoryID	OrganizerID	EventTitle	EventDescription	EventBudget	Action
1	1	1	1	Tech Conference 2024	A conference focused on emerging technologies.	7500.00	<a href="#">Edit</a> <a href="#">Delete</a>
2	1	2	2	Health & Wellness Fair	An event to promote health and wellness activities.	2000.00	<a href="#">Edit</a> <a href="#">Delete</a>
3	1	3	3	Job Fair 2024	Connecting employers with job seekers.	3000.00	<a href="#">Edit</a> <a href="#">Delete</a>
4	2	4	4	Music Fest	A celebration of music and arts.	7000.00	<a href="#">Edit</a> <a href="#">Delete</a>
5	2	5	5	Art Exhibition	Display of modern and contemporary art.	4500.00	<a href="#">Edit</a> <a href="#">Delete</a>
6	2	6	6	Startup Pitch Night	Showcasing new startups to investors.	1500.00	<a href="#">Edit</a> <a href="#">Delete</a>
7	3	7	7	Food Festival	Celebration of diverse culinary experiences.	2500.00	<a href="#">Edit</a> <a href="#">Delete</a>
8	3	8	8	Science Fair	Promoting science and innovation.	3200.00	<a href="#">Edit</a> <a href="#">Delete</a>
9	3	9	9	Literature Workshop	A workshop for budding writers.	1800.00	<a href="#">Edit</a> <a href="#">Delete</a>
10	4	10	10	Business Expo	Networking and showcasing business solutions.	3500.00	<a href="#">Edit</a> <a href="#">Delete</a>
11	4	11	11	Charity Marathon	A marathon event for charity fundraising.	1000.00	<a href="#">Edit</a> <a href="#">Delete</a>

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### Create

The screenshot shows a web browser window titled 'Create - UEMS' with the URL 'localhost:5119/Events/Create'. The page has a purple header bar with the UEMS logo and navigation links for Home and Events. Below the header is a white form titled 'New Event' with the following fields:

Venue ID*	21
Event Category ID*	7
Organizer ID*	5
Event Title*	DMDD Presentation
Event Description*	PSM
Start Date*	12/11/2024
End Date*	12/11/2024
Event Budget*	10000

At the bottom are two buttons: 'Submit' (blue) and 'Cancel' (white).

The screenshot shows a web browser window titled 'Index - UEMS' with the URL 'localhost:5119/Events/Index'. The page has a purple header bar with the UEMS logo and navigation links for Home and Events. Below the header is a table listing 15 events:

9	3	9	9	Literature Workshop	A workshop for budding writers.	1800.00	<a href="#">Edit</a>	<a href="#">Delete</a>
10	4	10	10	Business Expo	Networking and showcasing business solutions.	3500.00	<a href="#">Edit</a>	<a href="#">Delete</a>
11	4	11	11	Charity Marathon	A marathon event for charity fundraising.	1200.00	<a href="#">Edit</a>	<a href="#">Delete</a>
12	5	12	12	Dance Competition	A regional dance competition.	2000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
13	5	13	13	Hackathon	A 24-hour coding event for developers.	3000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
14	5	14	14	Photography Workshop	Workshop on nature and portrait photography.	1500.00	<a href="#">Edit</a>	<a href="#">Delete</a>
15	6	15	15	Film Screening	Screening of independent films.	1000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
16	6	16	16	Eco Conference	Discussing sustainable practices.	2500.00	<a href="#">Edit</a>	<a href="#">Delete</a>
17	6	17	17	Yoga Retreat	A retreat for wellness and yoga.	2200.00	<a href="#">Edit</a>	<a href="#">Delete</a>
18	7	18	18	Volunteer Day	Community service event.	800.00	<a href="#">Edit</a>	<a href="#">Delete</a>
19	7	19	19	Coding Bootcamp	A week-long programming bootcamp.	4000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
20	7	20	20	Public Speaking Workshop	Enhancing public speaking skills.	1300.00	<a href="#">Edit</a>	<a href="#">Delete</a>
1002	21	7	5	DMDD Presentation	PSM	10000.00	<a href="#">Edit</a>	<a href="#">Delete</a>

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## Update

The screenshot shows a web browser window titled "Edit Event - UEMS". The URL in the address bar is "localhost:5119/Events/Edit/1002". The form contains the following fields:

- Organizer ID\*: 5
- Event Title\*: DMDD Presentation
- Event Description\*: PSM
- Start Date\*: 12/11/2024
- End Date\*: 12/11/2024
- Event Budget\*: 100.00

At the bottom are "Save Changes" and "Cancel" buttons.

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The screenshot shows a web browser window titled "Index - UEMS". The URL in the address bar is "localhost:5119/Events". The table displays the following data:

9	3	9	9	Literature Workshop	A workshop for budding writers.	1800.00	<a href="#">Edit</a>	<a href="#">Delete</a>
10	4	10	10	Business Expo	Networking and showcasing business solutions.	3500.00	<a href="#">Edit</a>	<a href="#">Delete</a>
11	4	11	11	Charity Marathon	A marathon event for charity fundraising.	1200.00	<a href="#">Edit</a>	<a href="#">Delete</a>
12	5	12	12	Dance Competition	A regional dance competition.	2000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
13	5	13	13	Hackathon	A 24-hour coding event for developers.	3000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
14	5	14	14	Photography Workshop	Workshop on nature and portrait photography.	1500.00	<a href="#">Edit</a>	<a href="#">Delete</a>
15	6	15	15	Film Screening	Screening of independent films.	1000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
16	6	16	16	Eco Conference	Discussing sustainable practices.	2500.00	<a href="#">Edit</a>	<a href="#">Delete</a>
17	6	17	17	Yoga Retreat	A retreat for wellness and yoga.	2200.00	<a href="#">Edit</a>	<a href="#">Delete</a>
18	7	18	18	Volunteer Day	Community service event.	800.00	<a href="#">Edit</a>	<a href="#">Delete</a>
19	7	19	19	Coding Bootcamp	A week-long programming bootcamp.	4000.00	<a href="#">Edit</a>	<a href="#">Delete</a>
20	7	20	20	Public Speaking Workshop	Enhancing public speaking skills.	1300.00	<a href="#">Edit</a>	<a href="#">Delete</a>
1002	21	7	5	DMDD Presentation	PSM	100.00	<a href="#">Edit</a>	<a href="#">Delete</a>

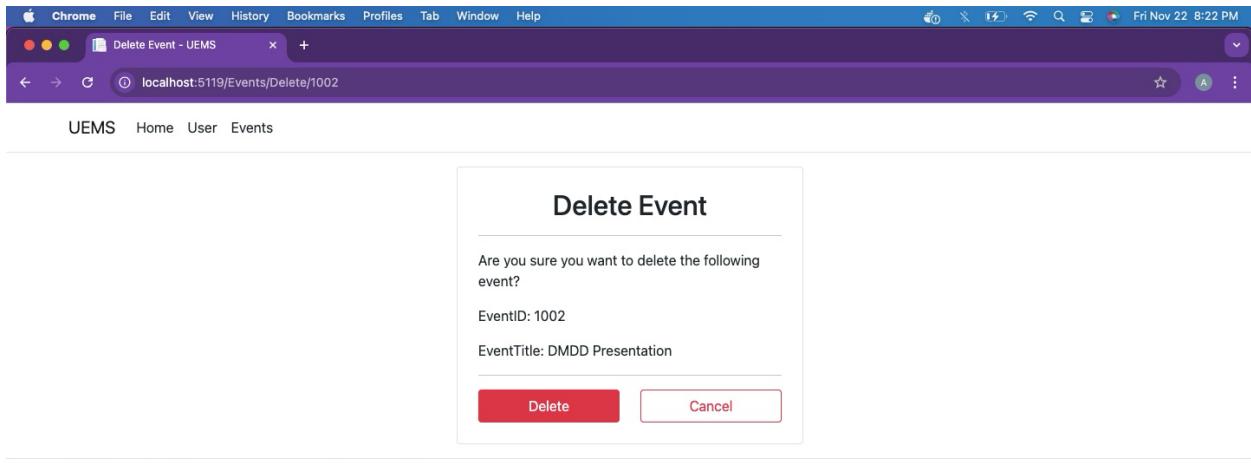
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### Delete



The screenshot shows a Chrome browser window with a purple header bar. The title bar reads "Delete Event - UEMS". The address bar shows "localhost:5119/Events/Delete/1002". Below the address bar, there are navigation icons and a search bar. The main content area has a white background with a centered modal dialog. The dialog has a title "Delete Event" and a message asking if the user wants to delete the event. It displays "EventID: 1002" and "EventTitle: DMDD Presentation". At the bottom are two buttons: a red "Delete" button and a white "Cancel" button.

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