

UE21CS341A - Software Engineering
Test Plan & Results Documentation

EVENTRA

Team #: **T01**

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TEST PLAN:

The purpose of this test plan is to outline the testing strategy and approach for EVENTRA. This document will identify the test cases to be executed, the resources required, and the schedule for testing activities.

Our main objectives of testing is to:

- Verify that the system meets all functional requirements
- Identify and document any defects in the system
- Ensure that the system is user-friendly and easy to use

The following are the Test Cases we have considered:

FEATURE 1: User Login and profiles**1. UT:**

- Verify that users can successfully login with valid credentials.
- Verify unsuccessful login with invalid username.(Invalid password)

2. IT:

- Valid login and authorization.
- Invalid login and authorization. Verify unsuccessful login and authorization for users.

FEATURE 2: Event Creation**1. UT:**

- Verify that club head can create an event
- Verify if the mandatory fields are filled which are required for successful event creation
- Verify if when the mandatory fields are unfilled there is an error with event creation
- No two events can be conducted on the same day and same venue

2. IT:

- Confirm that the event creation module integrates seamlessly with the database to store event details.

FEATURE 3: Approval from faculty mentor of club**1. UT:**

- Confirm that the faculty approval status is initially set to pending.
- Validate that the approval status is updated correctly when the faculty mentor approves or rejects the event.

2. IT:

- Ensure that the faculty approval process integrates with the event creation module.

3. ST:

- Verify that only approved events are displayed in the public event listings.
- Check that pending events are appropriately communicated to the club heads.

FEATURE 4: Event Discover**1. UT:**

- Ensure that the event discovery module integrates well with the event creation and approval features and displays for participants

2. ST:

- Confirm that events are displayed accurately on the platform for the dean to approve.

FEATURE 5: Event Registration and Ticketing**1. UT:**

- Verify that users can register for an event successfully.

2. IT:

- Confirm that the registration module interacts seamlessly with the user authentication system.

FEATURE 1: User Login and profiles

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result
UT-01	User (participant, club head , dean) authentication module	Verify that users can successfully login with valid credentials.	User (participant, club head , dean) account exists with valid username and password	1: Navigate to login page 2: Enter valid Username and Password 3: Click the login button	Valid username and password.	Login successful with “welcome message” displayed	Login should be successful with “welcome Participant/ Club Head/ Dean/ Club Mentor”	Pass
UT-02	User authentication module	Invalid password (Club head/ Dean/ Participant)	Verify unsuccessful login with invalid password. User account with a valid username exists but with the wrong password .	1. Navigate to the login page. 2. Enter valid username and invalid password. 3. Click the login button.	Valid username and invalid password	Error message indicating invalid password	Error message indicating invalid password displayed	pass

IT-01	User (Club head/ Dean/ Participant) authentication module and authorization module	Valid login and authorization Verify successful login and authorization for user	User (participant, club head , dean) account exists with valid username and password	1. Navigate to the login page. 2. Enter valid user username and password. 3. Click the login button.	Valid user username and password	Successful login and redirect to user (Club head/ Dean/ Participant) dashboard	Successful login and redirect to user (Club head/ Dean/ Participant) dashboard	Pass
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FEATURE 2: Event Creation

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result
UT-01	Creation of an event	Verify that club head can create an event	Club Head is logged and enters valid event details to create an event	1.Navigate to the drop down 2.Select event creation 3.Enter event details.	Valid event details	Event successfully created.	Event successfully created.	pass

UT-02	Validate that mandatory fields	Verify if the mandatory fields are filled which are required for successful event creation	Club Head is logged in and enters valid event details in all the mandatory fields.	1.Navigate to the drop down 2.Select event creation 3.Enter event details in the mandatory fields.	Valid event details.	Event successfully created.	Event successfully created.	pass
UT-03	Validate that mandatory fields	Verify if when the mandatory fields are unfilled there is an error with event creation	Club Head is logged in and enters invalid event details in the mandatory fields.	1.Navigate to the drop down 2.Select event creation 3.Enter event details in few of the mandatory fields and leave a few empty	Leave a few fields blank	Error- enter all the details	Error- enter all the details	pass
IT-01	Integration of event creation with database.	Confirm that the event creation module integrates seamlessly with the database to store	Club Head is logged in and the server is connected to	1. Open event creation form 2. Enter event details and	Valid event details	Event creation module should seamlessly integrate with the database	Event details are reflected into the backend database.	pass

		event details.	the database.	submit. 3. Verify database entry. 4. Compare the details.		and the entered details should be reflected in the database.		
UT-04	Collision of events	No two events can be conducted on the same day and same venue	Club Head tries to create an event on the same day as another event in the same venue	1. Open event creation form. 2. Enter same day and venue as another event	Duplicate day and venue	This Slot is occupied by another event	This Slot is occupied by another event	pass

FEATURE 3: Approval from faculty mentor of club

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result
UT-01	Status of approval	Confirm that the faculty approval status is initially set to pending.	While event creation the event status is pending by default	1.Create an event. 2. Check the status of the event	Enter details and create event	Pending under status of event approval column	Pending under status of event approval column	pass
UT-02	Status of approval	Validate that the approval status is updated correctly when the faculty mentor approves or rejects the event.	Event is created and the faculty gets the proposal for approval	1. Create an event 2. Faculty updates the status by checking the event proposal.	Faculty approves the event and changes the status	Approved under status of event approval	Approved under status of event approval	pass
IT-01	Status of approval	Ensure that the faculty approval process integrates with the event creation module.	Event is created and the faculty approves the event.	1. Create an event 2. Faculty approves the event.	Faculty approves the event and changes reflect on the backend and	Approved status updated on front end and backend	Approved status updated on front end and backend	pass

					frontend			
ST-01	Event list on participants dashboard	Verify that only approved events are displayed in the participant event listings.	Event is created and approved by faculty	1. Login as a participant. 2. Navigate to dashboard 3. View the events list.	Login as participant s and view events	Only Approved events are displayed on the dashboard	Only Approved events are displayed on the dashboard	pass
ST-02	Unapproved events to be communicated to the club heads.	Check that pending events are appropriately communicated to the club heads.	Event is created and dean send with updates	1. Login as club head 2. Check status of approval and 3. View message with changes to be made sent by dean	Dean sends updates for a particular event	Approval pending with message displayed on the event status columns	Approval pending with message displayed on the event status columns	pass.

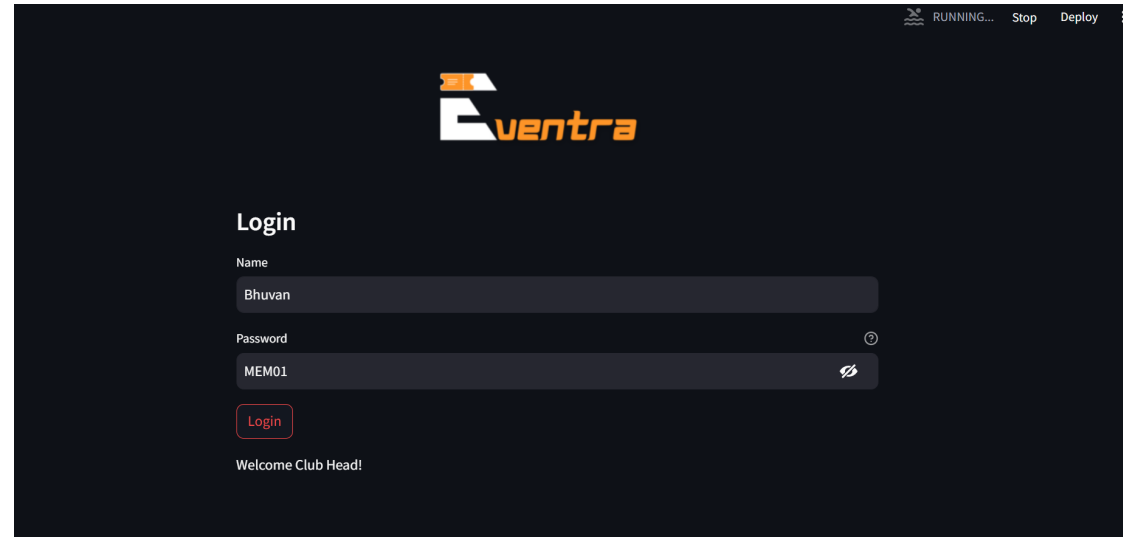
Feature 4: Event Discover

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result
UT-01	Event view.	Ensure that the event discovery module integrates well with the event creation and approval features and displays for participants	Event is created and approved	1. Login as a participant. 2. Navigate to dashboard 3. View the events list.	View events on dashboard	Display the approved events	Displays the approved events	Pass
ST-01	Event view and event discovery filter for dean	Confirm that events are displayed accurately on the platform for the dean to approve.	Event is created and sent for dean's approval	1. Login as Dean 2. Navigate to pending events approval	View events on deans dashboard	Display the events using the filter(for clubs or days or venues)	Displays the events based on the filters	pass

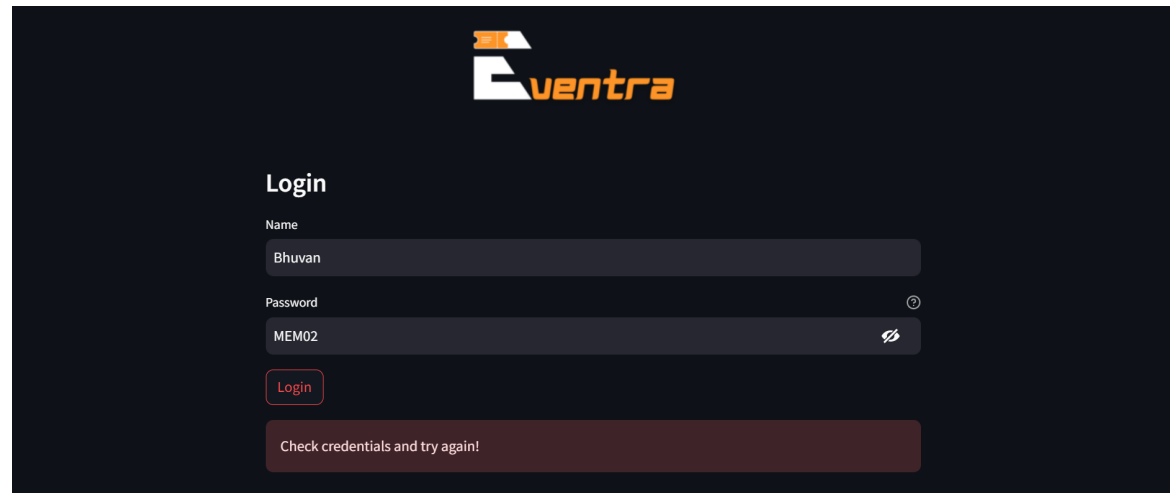
Feature 5: Event Registration and Ticketing

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result
UT-01	Event registration	Verify that users can register for an event successfully.	Event is displayed on participant dashboard to register	1. Login as a participant. 2. View events 3. Select the event to register and fill the details.	Login and enter the details to register for event.	Successfully registered for event	Successfully registered for event	pass
IT-01	Participant authentication and database check	Confirm that the registration module interacts seamlessly with the user authentication system.	Events are created and participants register for them.	1. Login as club head 2. Navigate to registered details for events. 3. Verify with the backend database.	Participant registers for event and club heads checks the database and his dashboard	View participant details on club head dashboard	Views participants details in dashboard and backend	pass

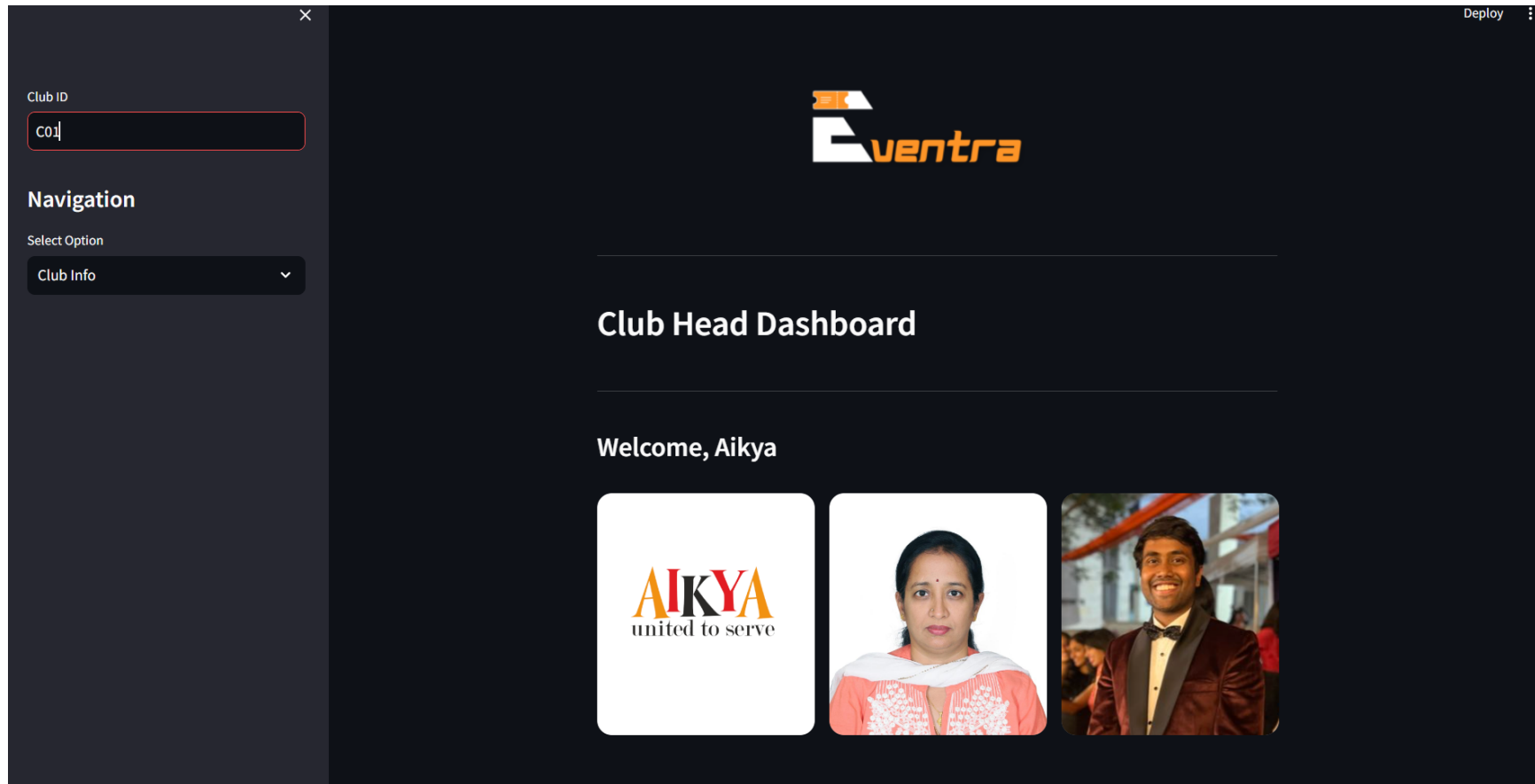
UT-01: Verify that users (**participant, club head , dean**) can successfully login with valid credentials.



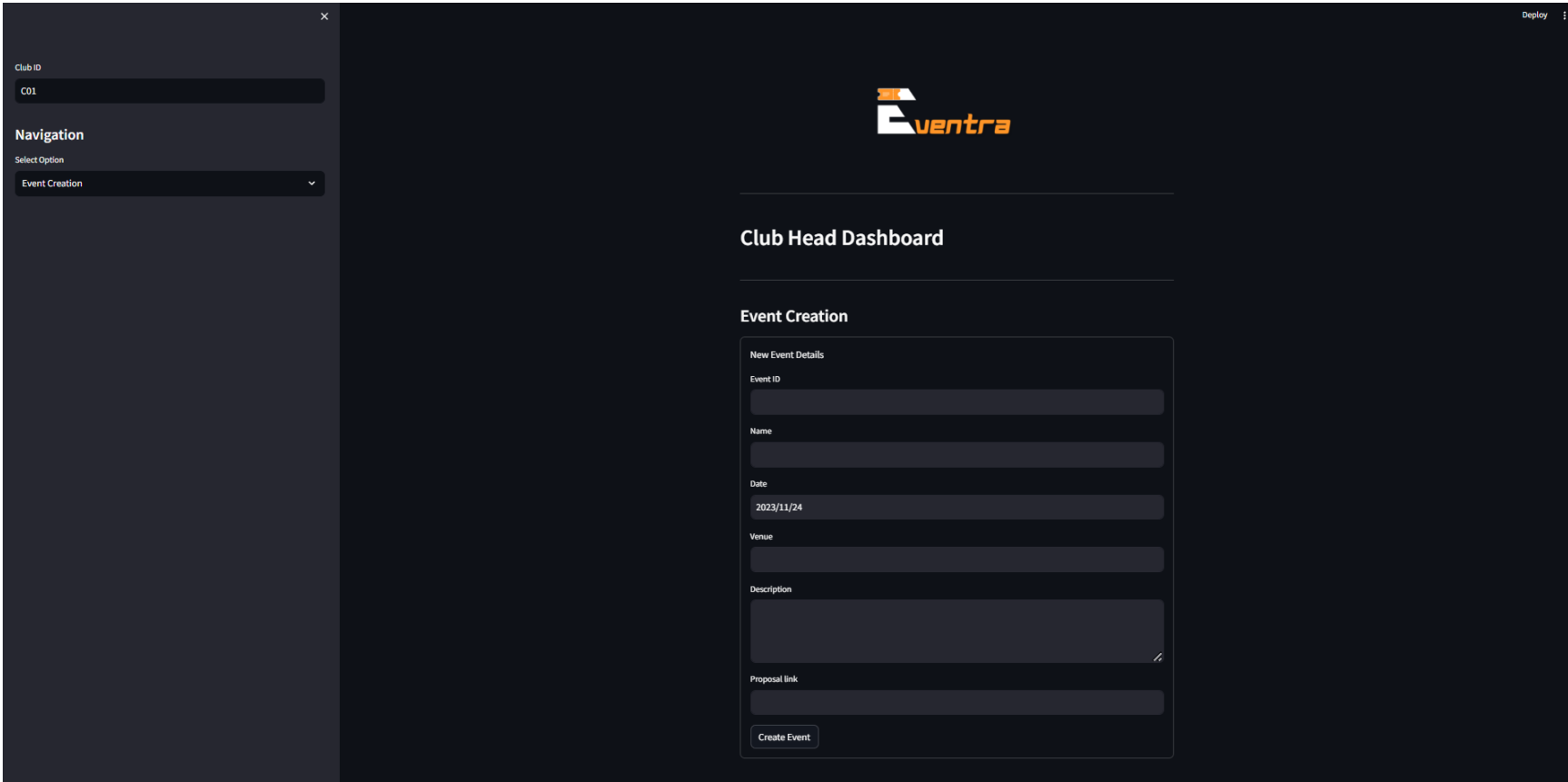
UT-02: Verify unsuccessful login with invalid username.(Invalid password)



IT-01: Valid login and authorization.

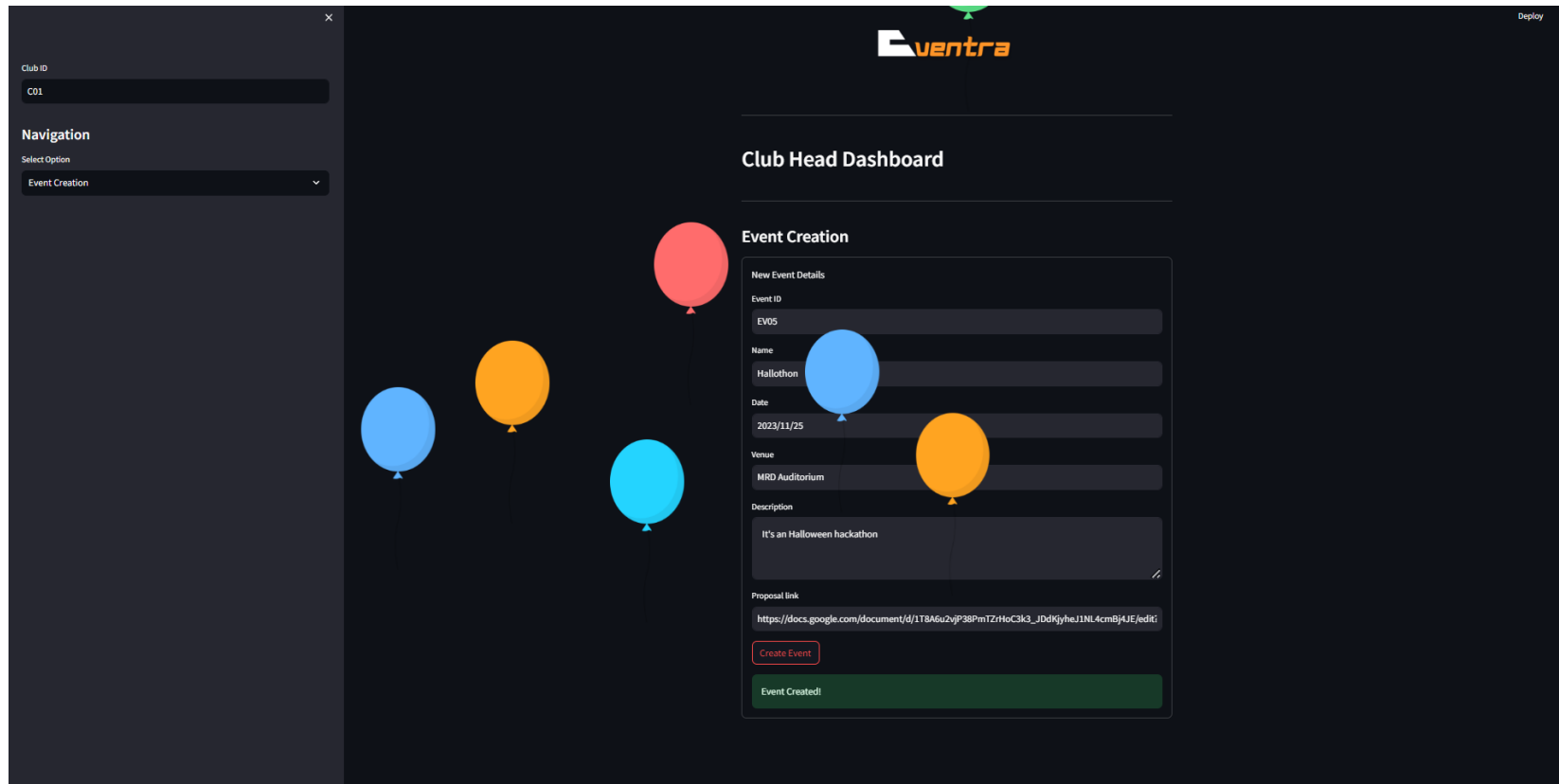


FEATURE 2: Event Creation

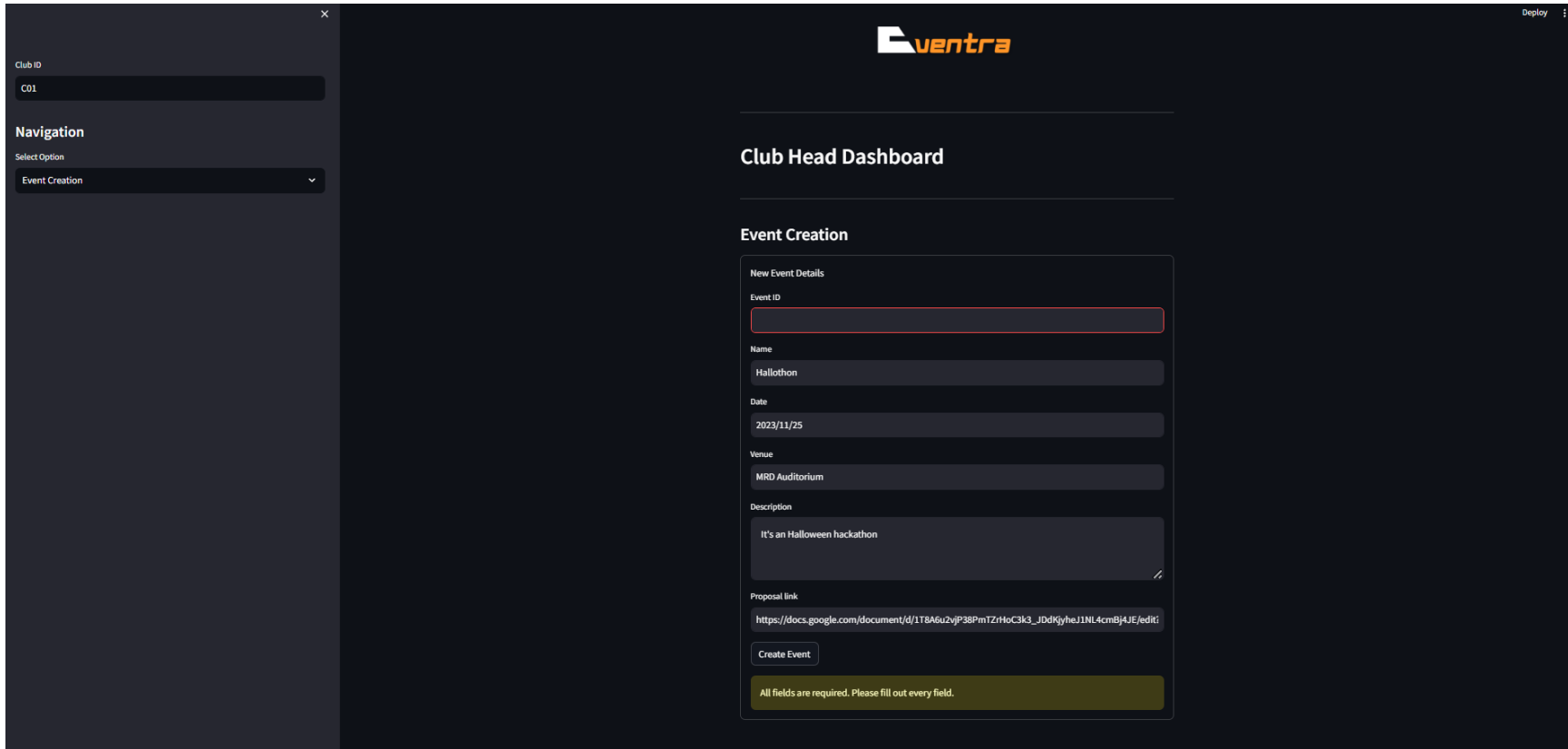
UT-01: Verify that club head can create an event

The screenshot displays the Eventra Club Head Dashboard. On the left, a sidebar contains a 'Club ID' field with the value 'C01' and a 'Navigation' menu with 'Event Creation' selected. The main content area features the Eventra logo at the top, followed by the 'Club Head Dashboard' title. Below this is the 'Event Creation' section, which includes a 'New Event Details' form. The form contains the following fields: 'Event ID', 'Name', 'Date' (pre-filled with '2023/11/24'), 'Venue', 'Description' (with a rich text editor icon), and 'Proposal link'. A 'Create Event' button is located at the bottom of the form. A 'Deploy' button is visible in the top right corner of the dashboard area.

UT-02: Verify if the mandatory fields are filled which are required for successful event creation

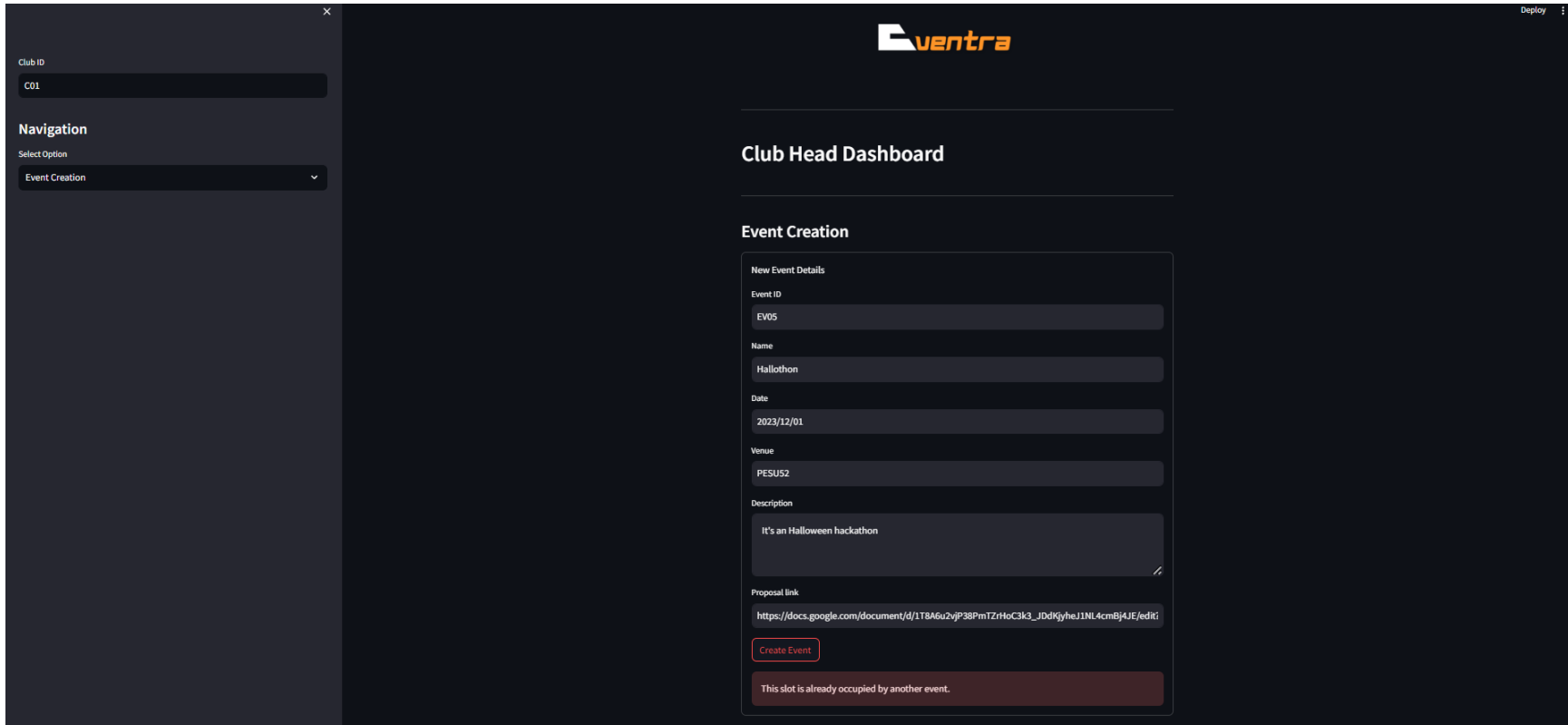


UT-03: Verify if when the mandatory fields are unfilled there is an error with event creation



The screenshot displays the Eventra Club Head Dashboard. On the left, a sidebar contains a 'Club ID' field with the value 'C01' and a 'Navigation' menu with 'Event Creation' selected. The main content area is titled 'Club Head Dashboard' and features an 'Event Creation' section. This section includes a 'New Event Details' form with the following fields: 'Event ID' (empty), 'Name' (filled with 'Hallothon'), 'Date' (filled with '2023/11/25'), 'Venue' (filled with 'MRD Auditorium'), and 'Description' (filled with 'It's an Halloween hackathon'). A 'Proposal link' field contains a Google Docs URL. A 'Create Event' button is located below the form. A yellow error message at the bottom of the form states: 'All fields are required. Please fill out every field.'

UT-04: No two events can be conducted on the same day and same venue



The screenshot displays the Eventra Club Head Dashboard. On the left, a sidebar contains a 'Club ID' field with 'C01' and a 'Navigation' menu with 'Event Creation' selected. The main content area is titled 'Club Head Dashboard' and features an 'Event Creation' section. This section includes a 'New Event Details' form with the following fields: 'Event ID' (EVO5), 'Name' (Hallothon), 'Date' (2023/12/01), 'Venue' (PESUS2), and 'Description' (It's an Halloween hackathon). A 'Proposal link' field contains a Google Docs URL. A 'Create Event' button is present, and a message below it states 'This slot is already occupied by another event.' The Eventra logo is visible in the top right corner of the dashboard.

Club ID
C01

Navigation
Select Option
Event Creation

Eventra

Club Head Dashboard

Event Creation

New Event Details

Event ID
EVO5

Name
Hallothon

Date
2023/12/01

Venue
PESUS2

Description
It's an Halloween hackathon

Proposal link
https://docs.google.com/document/d/1T8A6u2vJP38PmTZrHoc3k3_JDdKjyheJ1NL4cmBj4JE/edit

Create Event

This slot is already occupied by another event.

IT-01: Confirm that the event creation module integrates seamlessly with the database to store event details.

	event_id	name	date	venue	about
	EV01	Haul It Away	2023-12-01	PESU52	Hackathon
	EV02	Sampradha	2023-12-05	Government Schools	fundraising for government schools
	EV03	Kodikon	2023-01-02	PESU52	Hackathon
	EV04	Xmas-thon	2023-12-22	GJB	Kick off your holidays with a win in Xmas-thon!
▶	EV05	Hallothon	2023-11-25	MRD Auditorium	It's an Halloween hackathon
✱	NULL	NULL	NULL	NULL	NULL

FEATURE 3: Approval from faculty mentor of club

UT-01:Confirm that the faculty approval status is initially set to pending.

The screenshot displays the EVENTRA web application interface. On the left, a sidebar contains a 'Club ID' field with the value 'C01' and a 'Navigation' section with a 'Select Option' dropdown menu currently set to 'Approval Status'. The main content area shows event details for 'Hallowthon' with a date of '2023-11-25' and venue 'MRD Auditorium'. To the right, there are sections for 'See Details' (showing 'About : It's an Halloween hackathon', 'Faculty Approval: Pending', and 'Dean Approval: Pending'), a 'Remarks' section with the text 'Event Created', and an 'Update Remarks' section. Each of these sections has an 'Update' button. A 'Deploy' button is located in the top right corner of the main content area.

Field	Value
Club ID	C01
Event Name	Hallowthon
Date	2023-11-25
Venue	MRD Auditorium
About	It's an Halloween hackathon
Faculty Approval	Pending
Dean Approval	Pending
Remarks	Event Created

UT-02: Validate that the approval status is updated correctly when the faculty mentor approves or rejects the event.

The screenshot displays the EVENTRA application interface. On the left, a sidebar contains a 'Faculty ID' field with the value 'FAC01' and a 'Navigation' section with a 'Select Option' dropdown menu set to 'Approval Status'. The main content area features two orange rectangular cards: 'Sampradha' at the top and 'Hallothon' below it. To the right of these cards, there are two corresponding form panels. The top panel, associated with 'Sampradha', shows a 'Pending' status in a dropdown menu, a 'Remarks' text area, and an 'Update' button. The bottom panel, associated with 'Hallothon', shows an 'Update for Event ID: EV05' header, a 'View Proposal' link, a status dropdown menu set to 'Approved', a 'Remarks' text area containing the text 'You can go ahead', and an 'Update' button. A green notification banner at the bottom right of the interface states 'Event ID EV05 updated successfully!'. A 'Deploy' button is visible in the top right corner of the application window.

IT-01: Ensure that the faculty approval process integrates with the event creation module.

	proposal	fac_approval	dean_approval	remarks
	https://docs.google.com/document/d/1T...	Approved	Approved	Event preparations comm
	https://docs.google.com/document/d/1T8A6u2...	Pending	Pending	Make them
	https://docs.google.com/document/d/1T20EA7...	Approved	Approved	NULL
n!	https://docs.google.com/document/d/1cwovA7...	Pending	Pending	Event Created
▶	https://docs.google.com/document/d/1T8A6u2...	Approved	Pending	You can go ahead

Club ID

C01

Navigation

Select Option

Approval Status

Event Name: Hallothon

Date: 2023-11-25

Venue: MRD Auditorium

Update

See Details

About : It's an Halloween hackathon

Faculty Approval: Approved

Dean Approval: Pending

Remarks

You can go ahead

[View Proposal](#)

Update Remarks

Update

Deploy

ST-01:Verify that only approved events are displayed in the participant event listings.

×

Name

Deepak

SRN

PES01

Phone Number

12121

Email

deepak@gmail.com

Enter

Deploy

Kodikon

Event ID: EV03

Date: 2023-01-02

Venue: PESU52

Description: Hackathon

Hosted by: Embrione

Register Now!

Hallothon

Event ID: EV05

Date: 2023-11-25

Venue: MRD Auditorium

Description: It's an Halloween hackathon

Hosted by: Aikya

Register Now!

ST-02: Check that pending events are appropriately communicated to the club heads.

Club ID
C01

Navigation
Select Option
Approval Status

Event Name: Hallothon
Date: 2023-11-25
Venue: MRD Auditorium

Update

See Details
About : It's an Halloween hackathon
Faculty Approval: Approved
Dean Approval: Approved
Remarks
you can go ahead with the event
[View Proposal](#)

Update Remarks

Update

	proposal	fac_approval	dean_approval	remarks
▶	https://docs.google.com/document/d/1T...	Approved	Approved	Event preparations commenc
	https://docs.google.com/document/d/1T8A6u2...	Pending	Pending	Make them
	https://docs.google.com/document/d/1T20EA7...	Approved	Approved	NULL
!	https://docs.google.com/document/d/1cwovA7...	Pending	Pending	Event Created
	https://docs.google.com/document/d/1T8A6u2...	Approved	Approved	you can go ahead with the e

FEATURE 4: Event Discover

UT-01:Ensure that the event discovery module integrates well with the event creation and approval features and displays for participants

The screenshot displays a web interface for event registration. On the left, a dark sidebar contains a registration form with the following fields: Name (Deepak), SRN (PES01), Phone Number (12121), and Email (deepak@gmail.com). Below these fields is a red 'Enter' button. The main content area on the right is dark blue and lists two events. The first event, 'Kodikon', has details: Event ID: EV03, Date: 2023-01-02, Venue: PESU52, Description: Hackathon, and Hosted by: Embrione. It features a 'Register Now!' button. The second event, 'Hallothon', has details: Event ID: EV05, Date: 2023-11-25, Venue: MRD Auditorium, Description: It's an Halloween hackathon, and Hosted by: Aikya. It also features a 'Register Now!' button. A 'Deploy' button is visible in the top right corner of the main content area.

Event Name	Event ID	Date	Venue	Description	Hosted by	Register Now!
Kodikon	EV03	2023-01-02	PESU52	Hackathon	Embrione	Register Now!
Hallothon	EV05	2023-11-25	MRD Auditorium	It's an Halloween hackathon	Aikya	Register Now!

ST-01:Confirm that events are displayed accurately on the platform for the dean to approve.

×

Select option

Mentor Approved

Deploy

⋮

Hallothon (ID: EV05)

Date: 2023-11-25

Venue: MRD Auditorium

Description: It's an Halloween hackathon

Faculty Approval: Approved

Dean Approval: Approved

Remarks: you can go ahead with the event

[View Proposal](#)

Update Approval/Remarks

Event ID

EV05

Status

Approved

Add remarks of updates on Proposal

You can go ahead with the event

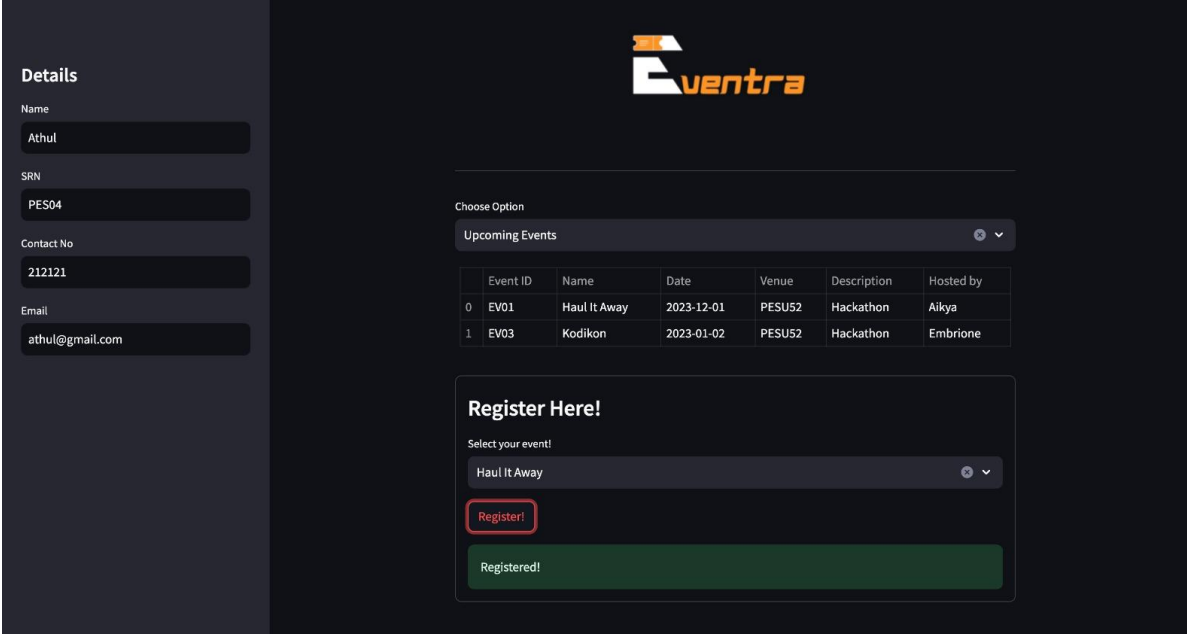
Update

Status Updated!

Remarks Updated!

FEATURE 5: Event Registration and Ticketing

UT-01: Verify that users can register for an event successfully.



The screenshot displays the Eventra web application. On the left, a dark sidebar contains a 'Details' section with input fields for Name (Athul), SRN (PES04), Contact No (212121), and Email (athul@gmail.com). The main content area features the Eventra logo at the top. Below it, a 'Choose Option' dropdown menu is set to 'Upcoming Events'. A table lists two events: EV01 'Haul It Away' and EV03 'Kodikon'. Below the table, a 'Register Here!' section includes a dropdown for 'Select your event!' (currently showing 'Haul It Away'), a red-outlined 'Register!' button, and a green 'Registered!' confirmation message.

Event ID	Name	Date	Venue	Description	Hosted by	
0	EV01	Haul It Away	2023-12-01	PESU52	Hackathon	Aikya
1	EV03	Kodikon	2023-01-02	PESU52	Hackathon	Embrione

IT-01: Confirm that the registration module interacts seamlessly with the user authentication system.

×

Deploy ⋮

Details

Name

Athul

SRN

PES04

Contact No

212121

Email

athul@gmail.com

Eventra

Choose Option

Registered Events

	Event ID	Event Name	Date of Registration	Date of Event
0	EV01	Haul It Away	2023-11-24	2023-12-01
1	EV03	Kodikon	2023-11-14	2023-01-02

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