

EVENT PLANING SYSTEM



Project Team

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Project Deliverable 3

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INTRODUCTION

Deliverable 3 focuses on the implementation and validation of the software application developed as part of our project. This phase involves translating the previously designed diagrams into a fully functional application, adhering to the best coding practices and conventions.

We ensured that the software is built according to the class diagrams, sequence diagrams, and workflows outlined in earlier deliverables. All coding practices, such as the camelCase naming convention for variables and methods, were strictly followed to maintain code readability and consistency. Additionally, the application underwent rigorous testing to verify its correctness and functionality, with unit tests written for at least two core functionalities. All test cases were executed successfully, confirming the reliability of the software.

The project repository was structured on GitHub for version control and collaboration. Two separate branches were created:

1. **Main Branch:** This contains the complete code implementation of the software application.
2. **Documentation Branch:** This contains all the project documentation, including the materials from Deliverable 1, Deliverable 2, and Deliverable 3.

This approach ensures proper organization and accessibility of both the code and documentation, reflecting a well-structured and professionally managed project.

Git Repository Link

GitHub Repository Link: <https://github.com/Nafeesa-Yousaf/Event-Planing-System-.git>

Test Cases

Sign Up Module Test Cases:

Test Id	Description	Test Data	Expected Results	Actual Result	Class	Status
TC001	Verify valid signup	Email: nafeesayousaf2129@gmail.com Role: event organizer Password: 123456 Confirm password: 123456	User successfully signed up and data stored in the database.	User successfully signed up and data stored in the database.	Valid	Pass
TC002	Email validation for signup.	Email: Nafeesa Role: event organizer Password: 123456 Confirm password: 123456	Error: "Enter a valid email address."	Error: "Enter a valid email address."	Invalid	Pass
TC003	Password confirmation mismatch	Email: nafeesayousaf2129@gmail.com Role: event organizer Password: 12345678 Confirm password: 123456	Error: "Passwords do not match."	Error: "Passwords do not match."	Invalid	Pass
TC004	Empty password field	Email: nafeesayousaf2129@gmail.com Role: event organizer Password: Confirm password: 123456	Error: "Password Cannot be Empty".	Error: "Password Cannot be Empty".	Invalid	Pass
TC005	Password length validation	Email: nafeesayousaf2129@gmail.com Role: event organizer Password: 12345 Confirm password: 12345	Error: "Password must be at least 6 characters long."	Error: "Password must be at least 6 characters long."	Invalid	Pass

Create Event Module Test Cases:

Test Id	Description	Test Data	Expected Results	Actual Result	Class	Status
TC006	Verify valid event creation	Name: Explore AI Date: 2024-12-25 Location: Karachi Expo Center Description: A workshop on AI and Machine Learning Event Status: Upcoming	Event successfully created and stored in the database.	Event successfully created and stored in the database.	Valid	Pass
TC007	Missing event name	Name: Date: 2024-12-27 Location: Lahore Description: A workshop on AI and Machine Learning Event Status: Upcoming	Error: "Event name cannot be empty."	Error: "Event name cannot be empty."	Invalid	Pass
TC008	Event date validation	Name: Data Science Bootcamp Date: 2024-10-27 Location: Lahore Description: A workshop on Data Science Event Status: Upcoming	Error: "Event date cannot be in the past."	Error: "Event date cannot be in the past."	Invalid	Pass
TC009	Event name repetition constraint	Name: Explore AI Date: 2024-12-25 Location: Karachi Expo Center Description: A workshop on AI and Machine Learning Event Status: Upcoming	Error: "Event already exists."	Error: "Event already exists."	Valid	Pass
TC0010	Date field validation	Name: Data Science Bootcamp Date: Location: Lahore Description: A workshop on Data Science Event Status: Upcoming	Error: "Date cannot be empty."	Error: "Date cannot be empty."	Invalid	Pass