



ONLINE EVENT PLANNER

Documentation

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1. Introduction

Project Background:

In an increasingly digital and interconnected world, event planning has evolved beyond traditional methods. The Online Event Planner project emerges as a response to this transformation, offering a cutting-edge solution designed to simplify the intricacies of event organization and management.

As technology intertwines with event planning, our Online Event Planner aims to revolutionize the industry by providing a web-based platform that caters to both event organizers and vendors. This innovative software empowers users to effortlessly create, manage, and coordinate a wide array of events, from intimate gatherings to grand celebrations. With an intuitive interface, robust features, and a commitment to security, our platform stands as the next frontier in event management.

By harnessing the power of digital tools, Online Event Planner enables users to streamline the planning process, reduce administrative overhead, and create unforgettable experiences for their clients. Event organizers can seamlessly orchestrate every aspect of their events, while vendors gain access to a broader market, enhancing their reach and business potential.

As we embark on this exciting journey, it's essential to recognize the critical role each stakeholder plays in shaping the success of the Online Event Planner project. From the project team's dedication to our valued event organizers and vendors, we are united by a shared vision of redefining event planning in the digital age.

Purpose of the Document

This document serves as the definitive source for understanding the functional and non-functional requirements of the Online Event Planner project.

Project Background:

Online Event Planner is a web-based application designed to simplify event planning and management for both event organizers and vendors.

2.Project Scope

Inclusions:

The project scope includes the following key components and functionalities:

1. User Registration and Login Functionality:

- Users can create accounts by providing essential information, including a username, password, email, and mobile number.
- Registered users can log in securely using their credentials.
- Passwords will be securely stored and hashed.
- Unauthorized access attempts will be denied.

2. Vendor Management Features:

- Admins can add, edit, and delete vendor information.
- Vendor details include vendor name, address, contact information, and event packages.
- Vendors cannot register themselves; admin is responsible for adding vendors.

3. Event Creation and Management:

- Users can create events, providing event details, date, location, and event type.
- Event organizers can edit and delete their events.
- Users can search and view events based on criteria such as date and event type.

4. Logging and Exception Handling:

- The system will log all unhandled exceptions for debugging purposes.
- Log entries will include the date, time, error message, and relevant context.

5. Logout Option:

- Users will have the option to log out of the system securely.
- Session data will be cleared upon logout.

6. Responsive Design for User Interfaces:

- The user interface will follow responsive design principles, adapting to various screen sizes.
- The UI will be intuitive and user-friendly, requiring minimal training.
- All screens will have a consistent and visually appealing layout.

7. Security Measures for User Authentication and Data Protection:

- User authentication will be implemented securely.
- Passwords will be hashed and stored securely.
- User data will be encrypted in transit and at rest.
- Protection against common web security vulnerabilities (e.g., SQL injection) will be in place.

Exclusions:

The project scope does not include the following features or functionalities:

1. Payment processing
2. Integration with external services (e.g., payment gateways)
3. Advanced reporting and analytics

3.Constraints and Limitations

The project will operate under the following constraints and limitations:

- Limited project timeline (Specify the duration in weeks or months)
- Development resources are constrained to the project team size.
- Budget constraints will be adhered to throughout the project.

5. Assumptions

The project assumes the following:

- The database and hosting infrastructure will be set up separately.
- External dependencies, such as email services for user registration, will be available.

4.Functional Requirements

User Registration and Authentication:

1. User Registration: Users should be able to create accounts by providing their username, password, email address, and contact information.
2. User Authentication: Users must be able to log in securely using their registered credentials.

Vendor Management:

1. Admins should have the capability to add vendors to the system and manage vendor listings.
2. Vendor Login: Vendors must be able to log in using their unique credentials.

User Interaction:

1. Browse Vendor Listings: Users should be able to browse and search for vendors and their services/packages.
2. Request Event Plans: Users must be able to submit plan requests specifying event details, services needed, and other requirements.
3. Review Quotations: Users should be able to view quotations received from vendors and accept or reject them.

Quotation Creation and Management:

1. Create Quotation: Vendors should be able to create quotations in response to user plan requests, specifying the services offered, pricing, and validity period.
2. Accept/Reject Quotation: Users should have the option to accept or reject quotations received from vendors.

Package Creation and Management:

1. Create Package: Vendors should be able to create packages, including package type (Basic, Premium, Classic), services included, and pricing.

5.Non-Functional Requirements

Security:

User data, including personal information and payment details, must be securely stored and encrypted.

Access to user data and administrative functions should be role-based and restricted to authorized personnel.

The system should be protected against common web security threats, such as SQL injection and cross-site scripting (XSS) attacks.

Scalability:

The system architecture should be designed to easily scale horizontally to accommodate increased user load as the platform grows.

Database scalability should be considered to handle a growing number of users and data.

Data Backup and Recovery:

Regular automated backups of user data and system configurations should be performed.

There should be a disaster recovery plan in place to ensure data can be restored in case of system failures or data loss.

-Usability:

The user interface should be intuitive and user-friendly, with clear navigation and minimal learning curve.

The system should adhere to web accessibility standards (e.g., WCAG) to ensure usability for individuals with disabilities.

Compatibility:

The system should be compatible with modern web browsers (e.g., Chrome, Firefox, Safari) and mobile devices (iOS and Android).

It should support responsive design to adapt to various screen sizes.

Logging and Monitoring:

The system should maintain detailed logs of user activities and system events for auditing and troubleshooting purposes.

Continuous monitoring of system performance and security should be in place, with alerts for anomalies or suspicious activities.

Reliability:

The system should be highly reliable, with a low rate of system failures or errors that disrupt user activities.

6. User Acceptance Criteria

The project assumes that the database and hosting infrastructure will be set up separately.

External dependencies, such as email services for user registration, will be available.

-User Registration and Authentication:

1. User Registration:

Acceptance Criteria: Users can successfully register by providing a unique username, password, valid email address, and contact information.

Failure Criteria: Registration fails if any of the required fields are missing or if the chosen username is already in use.

2. User Authentication:

Acceptance Criteria: Registered users can log in using their valid credentials (username and password).

Failure Criteria: Login fails if the provided credentials are incorrect or if the user account is inactive.

-Vendor Management:

Acceptance Criteria: Admins can add vendors to the system, and vendor listings are updated accordingly.

Failure Criteria: Adding vendors fails if there are issues with the provided vendor information.

-Vendor Functionality:

1. Vendor Login:

Acceptance Criteria: Vendors can successfully log in using their unique credentials.

Failure Criteria: Login fails if the provided vendor credentials are incorrect or if the vendor account is inactive.

-Service and Package Management:

Acceptance Criteria: Vendors can create, update, and delete listings for services and packages. Changes are reflected accurately in the system.

Failure Criteria: Updates or deletions fail if there are technical issues or if the vendor is not authorized.

-Quotation Management:

Acceptance Criteria: Vendors can create quotations for users in response to plan requests. Quotations can be viewed and managed, including accepting or rejecting user responses.

Failure Criteria: Creating or managing quotations fails if there are issues with the quotation data or if the vendor's account is suspended.

-User Interaction:

1. Browse Vendor Listings:

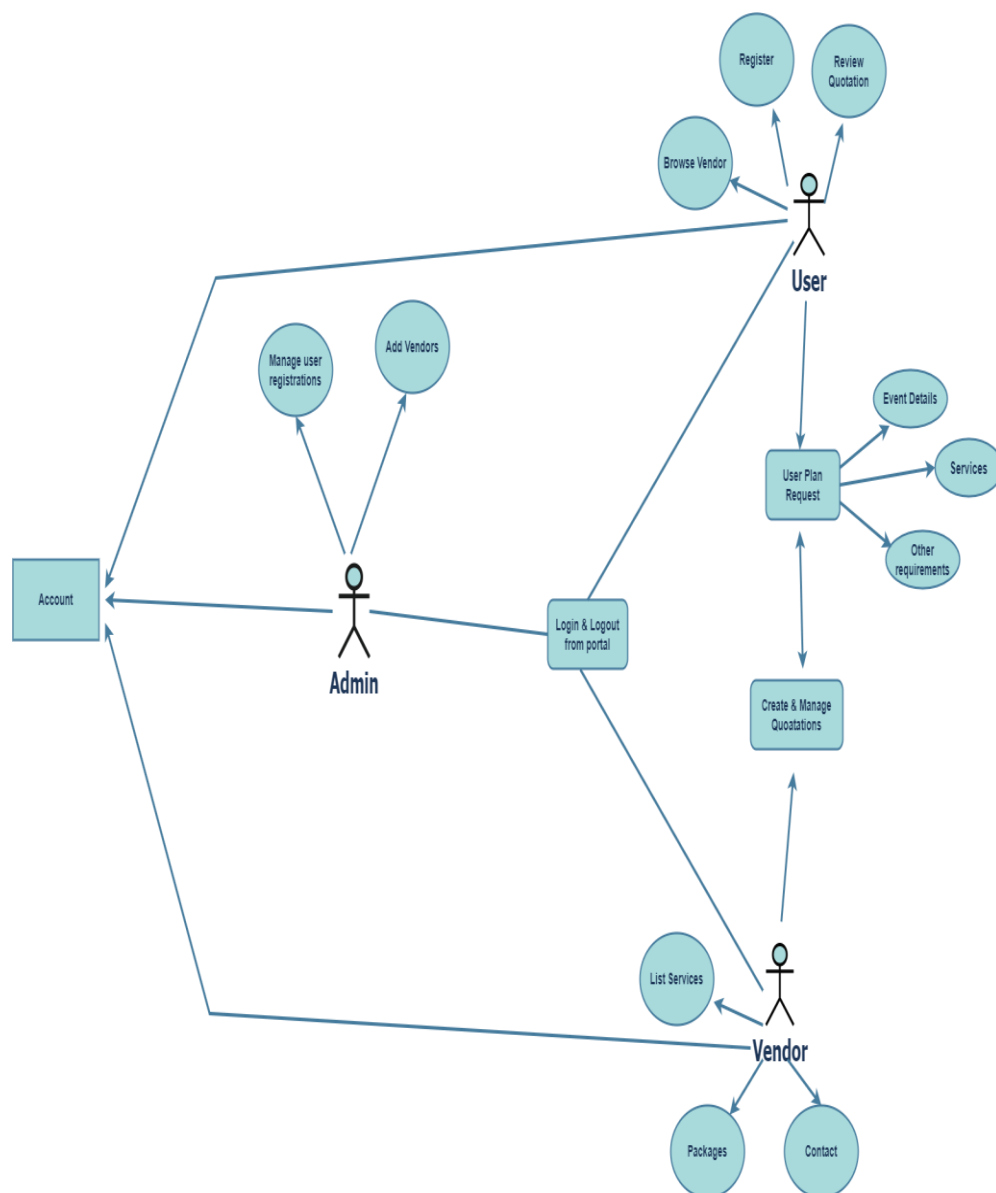
Acceptance Criteria: Users can successfully browse and search for vendors and their services/packages.

Failure Criteria: Browsing or searching fails if the system does not return accurate results or if there are technical issues.

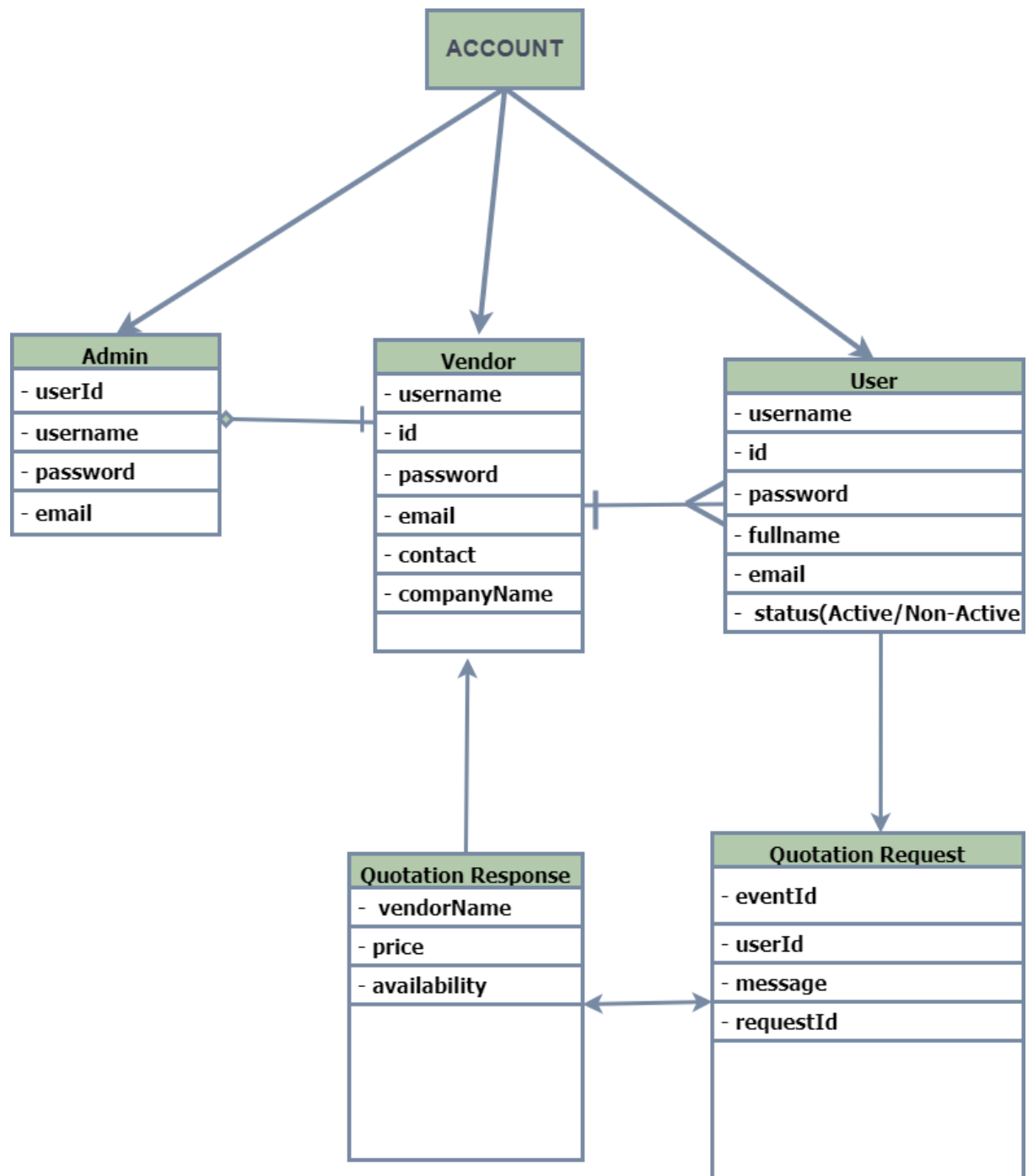
7.Appendices

By structuring your project requirements document in this way, you create a clear and organized reference for all project stakeholders. Ensure that you keep this document updated throughout the project's lifecycle as requirements evolve and are refined.

UML Diagram



Class Diagram



8.Conclusion

The Online Event Planner project holds the potential to simplify event planning and enhance the user experience, catering to a wide range of event types. The success of the project will rely on the effective implementation of the specified functional and non-functional requirements, as well as careful consideration of dependencies and assumptions. With proper development and adherence to these guidelines, the Online Event Planner can provide a valuable service to users and vendors in the event.

The project's key components include Admin, Vendor, User, Quotation, Package, and Plan Request functionalities. Admins play a pivotal role in overseeing the platform and managing user and vendor data. Vendors can list their services and interact with users by providing quotations and packages. Users can register on the platform, browse vendor listings, request event plans, and review quotations to make informed decisions.

Project Scope Document outlines the key details and objectives of the Online Event Planner project. This web-based application is designed to simplify event planning for a variety of occasions by connecting users with event vendors, allowing them to request quotations, and streamlining the overall planning process. The document has defined the primary components of the system, including the roles of Admin, Vendor, and User, as well as the core functionalities related to user registration.

FIN.