

College Of Electrical and Mechanical Engineering  
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[INTERNET PROGRAMMING]

GOLDEN LION EVENTS

*A platform for seekers and providers*

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Golden lion events

**0.0 System overview**

The golden lion events platform is a comprehensive website that provides solution for finding resources when it comes to organizing events. It provides data on service providers,searching,rating and booking while Doing this tasks in a user friendly manner.

**1.0 Functional requirement for Golden lion events**

**1.1 General specifications**

\*The website must display all services available in the front page.

\*The website must display list of all services on the category selected.

\*The website must allow users to search and filter services they desire.

\*The website must allow user to create accounts.

\*The website must allow possible service providers to create accounts.

\*The website must allow service providers and users to login to their accounts when ever needed.

**1.2Account creation specifications**

**1.21 Service providers specifications**

\*The service providers must create an account to have their services displayed on the website.

**The service providers must send the following information in order to create an account.**

\*The Contact information, name of company, a profile picture.

\*a minimum of three and a maximum of five pictures to attract customers

\*A paragraph description of the service provided.

\*A picture that validates the legitimacy of the business such as the right for the ownership of the business.

**1.22 Users specifications**

\*Users must input their name and email address and password to create an account.

\*Or users must create an account using their google accounts.

**1.3 Access and restriction specifications**

**1.31 Users without accounts**

\*All users must be able to view the available information regarding service providers.

\*All users must be able to search the website for their desired need.

\*All users must be able to view the reviews given to service providers.

**1.32 Users with accounts**

Users with accounts must be able to do everything mentioned above and…

\*be able to give reviews and ratings.

\*be able to book a service.

\*Be able to update or modify their data.

**1.33 Service providers**

Ones a service provider has created an account the service provider must be able to

\*update their information including images and description.

\*View list of bookings.

\*Change their availability status as needed.

**2.0 Non functional requirement for Golden lion events website**

**2.1 GUI specifications**

\*The background color for all the windows in the website will have the same theme as the company logo.

\*The logo of the company should exist at the bottom of every page .

\*All texts in the website must be written in serif fonts.

\*All descriptive paragraphs will be written with LORA contemporary serif font.

**2.2 Security specifications**

\*The password set by the users should be 8 characters

\*Accounts must be verified within 2 hours after verification request been sent.

**2.3 Data Integrity specifications**

\*The estimated loss of data in case of a disk crash shall be less than 0.01%.

\*Updates to the system should leave all database contents and all personal settings unchanged.

**2.4 Capacity specifications**

\*The system shall be able to handle up to 1000 concurrent users when satisfying all \*their requirements and up to 2500 concurrent users with browsing capabilities.

\*The system shall process at least 500 requests per second

**2.5 Usability specifications**

\*Novice users shall perform tasks X and Y in 15 minutes.

\*There should be less than 5 mouse clicks to get to information or functionality

\*Experienced users shall perform tasks X and Y in 2 minutes.

**2.6 Regulatory specifications**

\*The system shall ensure that the name of user us customer must not match the name printed on service provider’s account

\*Pictures uploaded by service providers should have a minimum quality of two megabytes with a ratio of 1280\*720 pxs.

\* service providers update requests should be first verified by a moderator.

**2.7 Reliability specifications**

\*The system defect rate shall be less than 1 failure per 1000 hours of operation.

\*The system shall meet 99.9% uptime

\*The system shall not be unavailable more than 1 hour per 1000 hours of operations

\*At least 99% of intrusions shall be detected within 10 seconds.