Events

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 03/april/2019 | 1.0 | Supplementary specifications | Raluca Pop |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 4

2. Non-functional Requirements 4

2.1 Availability 4

2.2 Performance 4

2.3 Security 4

2.4 Testability 4

2.5 Usability 4

3. Design Constraints 4

# Introduction

This project is a web site application., where a client can find and book an event the is coming.

In order to achieve the final result of this project, it is required knowledge of language programming like Java and the Spring Framework platform, and knowledges about JavaServerPages.

# Non-functional Requirements

Within [systems engineering](https://en.wikipedia.org/wiki/Systems_engineering), **quality attributes** are realized [non-functional requirements](https://en.wikipedia.org/wiki/Non-functional_requirements) used to evaluate the performance of a system.  Achieving quality attributes must be considered throughout design, implementation, and deployment.

Source of stimulus: The source of stimulus is the user or the client.

Stimulus: Wishes to add/delete/modify functionality, quality attribute. Periodic events arrive.

Environment: The environment is the interface of the application which responses to stimulus by communicating with the database.

Artifact: System user interface, platform, environment; system that interoperates with target system.

Response: The response is in fact the interaction of the system with its users navigating throught the application.

Response measure: Task time, number of errors, number of problems solved, user satisfaction, gain of user knowledge, ratio of successful operations to total operations, amount of time/data lost.

## Availability

The application will be available for legitimate use in June, 2019.

## Performance

Performance is about timing, the best time the applications will respond to the admins or clients tasks. Events (interrupts, messages, requests from users, or the passage of time) occur, and the system must respond to them.

## Security

## Security is a measure of the system's ability to resist unauthorized usage while still providing its services to legitimate users. The application won’t allow unauthorized users to use the application. The security system will be using prepared statements for working with the database

## Usability

The application will help people to attend different types of events and book tickets for it much easier. Application is easy to learn and easy to navigate through it.

# Design Constraints

This project will be written in Java with Java Server Pages using Spring Framework platform.