**CHANGE HISTORY**

**PREFACE**

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# INTRODUCTION

## Purpose and Intended Audience

## Scope

## Definitions, Acronyms and Abbreviations

## References

## Overview of the Document

# OVERALL DESCRIPTION

## Product Perspectives and Context

### System Interfaces

### User Interfaces

### Hardware and Software Interfaces

### Communications Interfaces

### Memory Constraints

### Operational Context

## Product Functions

## User Characteristics

## General Development Constraints

## Project Assumptions and Dependencies

# SPECIFIC REQUIREMENTS

## External Interfaces

### Hardware and Software Interface Specifications

Not yet identified. To be addressed after system testing.

### Detailed Description of Inputs and Outputs

1. LOG-IN

The users input their identification number and password and then click the log-in button. The system processes and identifies the validity of the details entered and if the user is a valid user, the system will allow the user to use it based on the user’s privileges.

1. SIGN-UP

The users input their basic information such as their identification number which can be the student or employee id depending on their designation, first name, last name, contact number, email, and account password. The system processes and identifies the validity of the details entered and record it to the database. After the registration, the system will redirect the user to the home page.

1. VIEW UPCOMING EVENTS

The users will be able to view the upcoming events in list view in the home page of the system both if you are signed in or event not.

1. CREATE EVENT

The user will act as an organizer and input the event’s primary details such as title, short description, start and end time or date and the desired location. These details we’re being submitted and checked by the system to verify if the desired location is available by the said time and date.

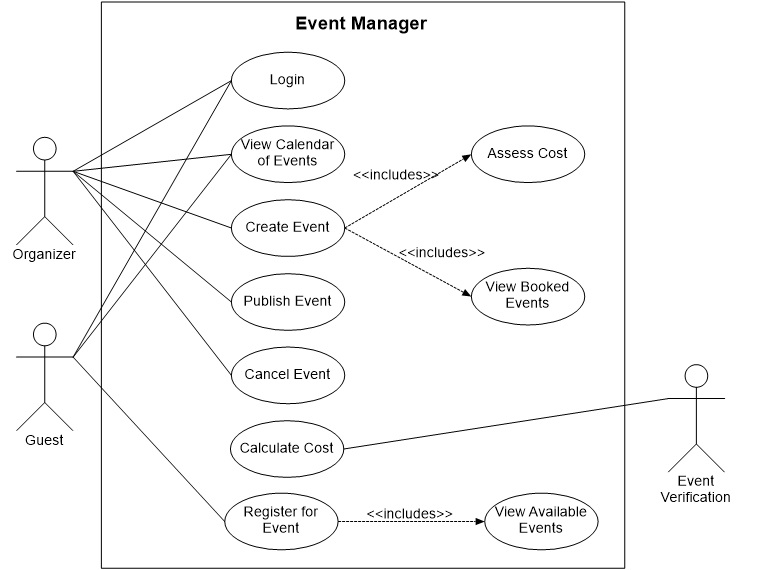
1. JOIN EVENT

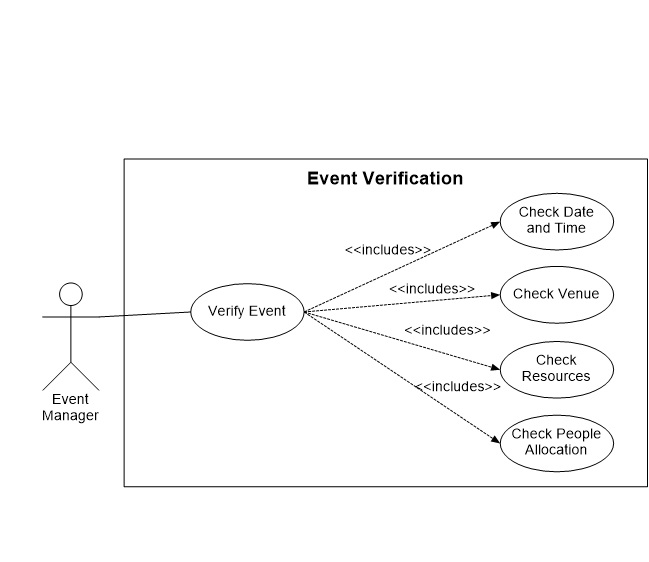
The user will be able view the complete details of an event and has the choice if he or she will join or not this event. If the user chooses to join the event, then the system will list the user as a guest.

## Functional Requirements

### Use Case Diagram

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### Use Case Report

Table I: Use-case Description of Login.

|  |  |
| --- | --- |
| Use Case | **Login** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table II: Use-case Description of View Calendar of Events

|  |  |
| --- | --- |
| Use Case | **View calendar of Events** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table III: Use-case Description of Create Event.

|  |  |
| --- | --- |
| Use Case | **Create Event** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table IV: Use-case Description of Publish Event.

|  |  |
| --- | --- |
| Use Case | **Publish Event** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table V: Use-case Description of Cancel Event.

|  |  |
| --- | --- |
| Use Case | **Cancel Event** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table VI: Use-case Description of Calculate Cost.

|  |  |
| --- | --- |
| Use Case | **Calculate Cost** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table VII: Use-case Description of Register for Event.

|  |  |
| --- | --- |
| Use Case | **Register for Event** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

Table VIII: Use-case Description of Verify Event.

|  |  |
| --- | --- |
| Use Case | **Verify Event** |
| Short Description |  |
| Actors |  |
| Pre-Conditions |  |
| Post Conditions |  |
| Main Flow |  |
| Alternative Flows |  |

### Activity Diagram

## Performance Requirements

## Database Requirements

### ERD

### Data Dictionary

## Object/Analysis Model

### Per Use Case Activity Diagram

### Per Use Case Class Diagram

### Per Use Case Communication/Sequence Diagram

## Design Models

### Per Use Case Activity Diagram

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## System Models

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## Software System Attributes

# SUPPORTING INFORMATION

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