Wave

Use-Case Specification: Search

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 05/10/11 | 1.0 | Create and write Use-Case Specification | Haibo Liu |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Brief Description 4

2. Basic Flow of Events 4

3. Alternative Flows 4

3.1 The username or the password is empty. 4

3.2 The password is wrong. 4

3.3 Database connection fails. 4

4. Preconditions 4

5. Postconditions 4

5.1 The guest has signed in. 4

6. Extension Points 4

7. Special Requirements 4

8. Additional Information 4

Use-Case Specification: Search

# Brief Description

The user wants to search activities through some keyword.

# Basic Flow of Events

When the user wants to search activities through some keyword, this use case begins.

1. The user fills in the search condition.
2. The user click “search” button.
3. The system displays the search result.

This use case ends.

# Alternative Flows

## The search condition is empty.

In step3 of basic flow, the system checks that the search condition is empty and then prompts that “The search condition is not allowed empty”. Then return step1 of basic flow.

## Nothing is found.

In step3 of basic flow, the system has found nothing and then prompts “No results”. Then return step1 of basic flow.

## Database connection fails.

In step3 of the basic flow, the database connection fails, and then the system prompts the error information and the use case ends.

# Preconditions

None.

# Postconditions

## The search result is displayed.

# Extension Points

None.

# Special Requirements

None.

# Additional Information

None.