Wave

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 08/10/11 | 1.0 | Create and write Use-Case Specification | Haibo Liu |
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# Brief Description

The guest signs up to do more operation in the Wave.

# Basic Flow of Events

When the guest wants to sign up, this use case begins.

1. The guest clicks the “sign up” button, and then the system goes into the signing up page.
2. The guest fills in the username.
3. The system check the username does not exist and display “the username is available”.
4. The guest fills in the password and the code, and then clicks the “sign up” button.
5. The system check the code is right.
6. The system prompts that “Successful sign up”.

The use case ends.

# Alternative Flows

## Username exists

In step3 in the basic flow, the system checks that the username guest inputs exists, and then return to step2.

## Code is wrong

In step5 in the basic flow, the system checks that the code guest inputs is wrong, and then return to step4.

## Database connection fails

In step3 or step5 in the basic flow, the database connection fails, and then the system prompts the error information and the use case ends.

# Preconditions

None.

# Postconditions

## The user is created and the guest can use the username to sign in.

# Extension Points

None.

# Special Requirements

None.

# Additional Information

None.