|  |  |
| --- | --- |
| **Use Case ID** | UC 12 |
| **Use Case Name** | User Log-in |
| **Author Name** | Hyungtaek Kim |
| **Primary Actor** | Existing User |
| **Actor’s Goal** | Users log-in with their existing account |
| **Business Value** | Critical |

## Description

Users trying to log-in with their existing account by providing their ID and PW.

## Main Success Scenario <Mandatory>

|  |  |  |
| --- | --- | --- |
| **Step** | **Actor Action** | **System Response** |
| **1** | On the main page, User enters ID & PW | System verifies user information to the database |
| **2** | User log in successfully | System displays logged in page |

## Alternative [Success] Scenario 1: Typo in ID & PW

**Trigger Condition**: User mistype its log in information

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| --- | --- | --- |
| **Step** | **Actor Action** | **System Response** |
| **1** | User enters ID & PW | System prompts verification failed due to wrong information given |
| **2** | User re-enter ID & PW correctly | System verifies log in information from user |
| **3** | User log in successfully | System displays logged in page |

## Alternative [Failure] Scenario 2: Wrong ID & PW

**Trigger Condition**: < Provide the step in the MSS and describe the condition / problem that triggers the alternative processing >

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| --- | --- | --- |
| **Step** | **Actor Action** | **System Response** |
| **1** | User enters ID & PW | System prompts verification failed due to wrong information given |
| **2** | User doesn’t know its log-in information | System offers find ID & PW tools (UC 13) |

|  |  |
| --- | --- |
| **Secondary Actors** | N/A |
| **Trigger Event** | User clicks log-in button |
| **Precondition** | User is on log-in page |
| **Frequency of Execution** | Very often. About 10000~ per day |
| **Success Criteria (optional)** | User log-in to the system |
| **Development Cost** | Average |

## Discussion

Developers should aware of brutal force attack. Thus the system should allow limited time to enter log-in information in a period of time

## Non-Functional Requirements

The system should load the home page within 1 second after opening the program/site. (NF.2)

## UML Activity Diagrams <Mandatory>

