

# SNU Moyeo : “혼자 하면 힘든, 같이 하면 쉬운”

## Requirements and Specification

### Revision Bullet List (by 5<sup>th</sup> iteration)

- 1) **Customer** : 새로 추가함.
- 2) **User Interface (UI)** : 최신 상태 및 현재까지 논의된 변동 사항을 반영하여 새로 그림.
- 3) **User Stories** : 유저 스토리 작성 품을 전체적으로 수정함. 우선 페이지 별로 사용자가 접할 기능들을 눈에 잘 띄게 정리하였음. 한편 모임 게시물을 누르는 행위, 모임 게시물 정보 창에서 취할 수 있는 행위들은 공통적인 부분이 많으므로 따로 떼어서 유저 스토리를 작성함.
- 4) **User Stories** : 네이버 쇼핑 검색 API를 활용하여 공동구매 유형의 모임에 대한 인터페이스를 개선함. 모임을 생성할 때 유형으로 공동구매가 선택되면 네이버 쇼핑 검색 창이 떴서 검색을 하면 유사도 기준으로 상위 10개의 검색 결과가 팝업으로 뜨게 함. 또한 좌측 사이드바에서 공동구매를 선택하여 모임 목록을 볼 때 기본으로 존재하는 검색 창 밑에 네이버 쇼핑 검색 창을 두어 구매하기 전에 공동 구매 제품의 시세를 확인해볼 수 있도록 함.
- 5) **User Stories** : 모임을 생성할 때, 만약 주최자가 개설한 카톡 오픈 채팅방이 있다면 그 링크를 작성할 수 있는 란을 마련함. 따라서 모임 게시물을 눌러서 정보를 확인할 때도 기입된 링크가 있다면 참여자가 이를 확인할 수 있도록 함.
- 6) **User Stories** : 주최자는 자신이 만든 모임을 클릭해서 뜬 모임 게시물 정보 창에서 참여자들의 정보가 정리되어 있는 엑셀 파일을 다운받을 수 있게 함.

### Members of group 2

최덕경 (컴퓨터공학부 2016-10399)

김동욱 (컴퓨터공학부 2016-16712)

이종민 (컴퓨터공학부 2016-15160)

정재훈 (컴퓨터공학부 2016-11464)

## Abstract

우리의 웹 사이트 “SNU Moyeo”는 공통의 목적을 가진 서울대 학생들이 모일 수 있는 장을 마련해준다. 학교 생활을 하다 보면 혼자라는 것으로 인해 불편함을 겪는 경우가 많다. 배달 음식을 시킬 때나, 공동 구매를 하려 할 때, 택시 카풀을 하고 싶을 때, 같이 축구 할 사람을 찾고 싶을 때 등이 그 예이다. “SNU Moyeo”는 이와 같은 상황에서 사람들이 쉽게 모여서 원하는 활동을 수행할 수 있도록 하는 웹 서비스를 제공한다.

“SNU Moyeo”가 제공하는 모든 서비스는 MySNU 메일을 통해 서울대 학생임을 인증 받고, 휴대폰 인증까지 받은 유저만 이용할 수 있다는 것이 전제이며, 그러한 서비스의 주요 흐름은 다음과 같이 요약 가능하다. 모임 생성, 모임 참가 및 탈퇴, 모임 모집 마감, 모임 해산이 그것이다.

- **모임 생성** : 유저는 모임의 유형을 선택하고, 제목과 본문을 작성한 뒤, 모집 마감 기한과 최소/최대 인원을 명시하여 새 모임을 생성할 수 있다. 최소 인원은 모임 주최자가 모집을 마감할 수 있는 최소 참여자 수, 최대 인원은 최대 참여자 수이다. 부가적으로 다음 맵으로 모임 장소를 표시하거나, 사진 1장을 첨부하거나, 개설해둔 카카오톡 오픈 채팅방 링크를 걸어둘 수 있다.
- **모임 참가 및 탈퇴** : 페이지의 가운데에는 마감 임박 모임 목록과 방금 올라온 모임들이 나열되며, 좌측 메뉴에서 원하는 모임 유형을 선택하면 그 유형의 모임들만 볼 수 있다. 원하는 모임 게시물을 클릭하면 해당 모임의 정보 창이 뜨며, 참가를 원할 경우 유저는 “참가” 버튼을 클릭하면 되고 이미 참가한 모임의 경우 탈퇴하고 싶으면 “탈퇴” 버튼을 누르면 된다. 단 다음에 설명할 모집 마감 이후에 탈퇴를 하면 자동으로 별점을 부과하게 된다.
- **모임 모집 마감** : 주최자는 자신이 만든 모임 게시물을 클릭하여 정보 창을 띄운 후 “마감” 버튼을 눌러서 해당 모임의 모집을 마감시킬 수 있다. 단 모집 마감은 해당 모임의 참여 인원이 최소 인원을 충족시켰을 때만 가능하며, 모집 마감 이후에 해당 모임 게시글은 더 이상 다른 유저들에게 보이지 않는다. 만약 모집 마감 이후에 참여자가 많이 파토를 내면 “추가모집 시작” 버튼을 눌러서 추가모집을 시작할 수 있고 “추가모집 중단” 버튼을 눌러서 추가모집을 중단할 수 있다.
- **모임 해산** : 또한 주최자는 원하는 시점에 “해산” 버튼을 눌러서 해당 모임을 해산시킬 수 있다. 모집 마감 후 실제로 모임이 성공적으로 이뤄지고 나서 “해산” 버튼을 누르는 게 일반적이지만, 만약 모임이 성공적으로 이뤄지지 않았거나 정당한 이유 없이 주최자가 모임을 마음대로 해산시키면 참여자가 주최자를 신고할 수 있도록 기능을 마련해두었다.

## Customer

즉시 혹은 장기적으로 모임을 형성해야 하는 상황에 처한 서울대 내 구성원이 주된 고객이 된다. 타 커뮤니티 사이트들과는 다르게 오로지 '모임'의 구성에만 초점이 맞춰진 웹 서비스이기 때문에 그러한 상황에 처한 고객들에게 편리함을 제공한다.

빠르게 사람을 모아서 음식을 시켜 먹고 싶을 때, 지금 바로 택시를 같이 탑승할 사람을 찾고 싶을 때, 며칠 동안 같은 물품을 더 싸게 공동 구매하기 위해 사람들을 모으고 싶을 때, 같이 스터디룸을 빌려서 공부를 하고 싶을 때, 축구나 농구 등의 스포츠를 같이 즐길 사람들을 찾고 싶을 때, 파트너를 꾸려서 미팅을 나가고 싶을 때, 혹은 그 외의 상황에서 단기적 혹은 장기적 모임의 구성을 필요로 하는 서울대 내 구성원이라면 누구나 이 웹 서비스의 고객이 된다.

## Competitor

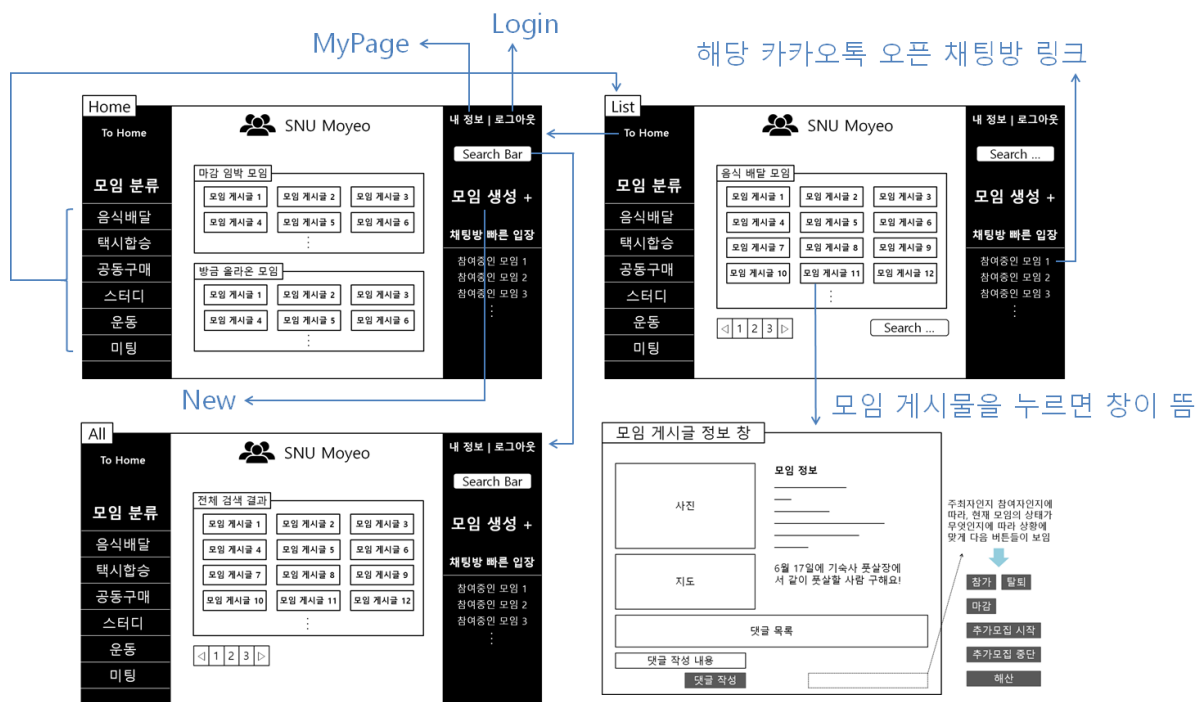
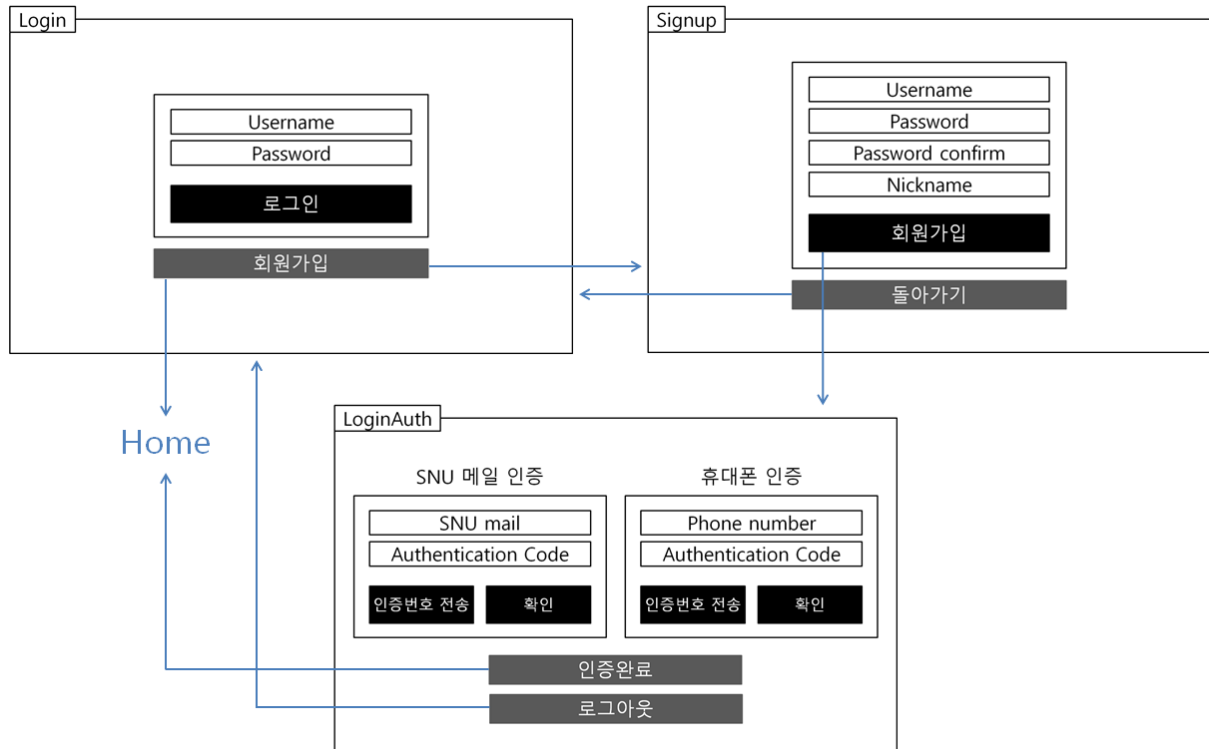
경쟁 서비스를 분석하기 위해, 우리 프로젝트와 유사한 컨셉(기능)을 가진 프로그램(앱)을 검색해 보았다. 하나는 구글 플레이에서 100만 다운로드를 기록한 <소모임-No.1 취미모임> 앱이었고, 다른 하나는 구글 플레이에서 10만 다운로드를 기록한 <모아 MOA - 우리동네 소모임/동호회>였다. 두 프로그램은 여러 관심사 중에서 하나를 지정해 그와 관련된 모임을 개설할 수 있으며 자신과 가까운 모임들을 볼 수 있는 기능도 있다.

하지만 우리 웹사이트와 두 프로그램 사이에는 크게 2가지 정도의 차이점이 존재하였다. 먼저 두 프로그램은 돈을 결제하지 않으면 기존의 모임 홍보 글이 새로 형성된 모임 홍보 글에 밀려 잘 보이지 않게 되어 모임이 성사가 더욱 어려워진다. 그러나 일회성 모임에 초점을 맞춘 우리의 웹 서비스는 모임 마감 기한을 설정해야 하기 때문에, 모임 마감 임박 순서로 모임 게시글을 정렬하면 기존의 모임 게시글도 상단에 보일 수 있다는 장점이 있다.

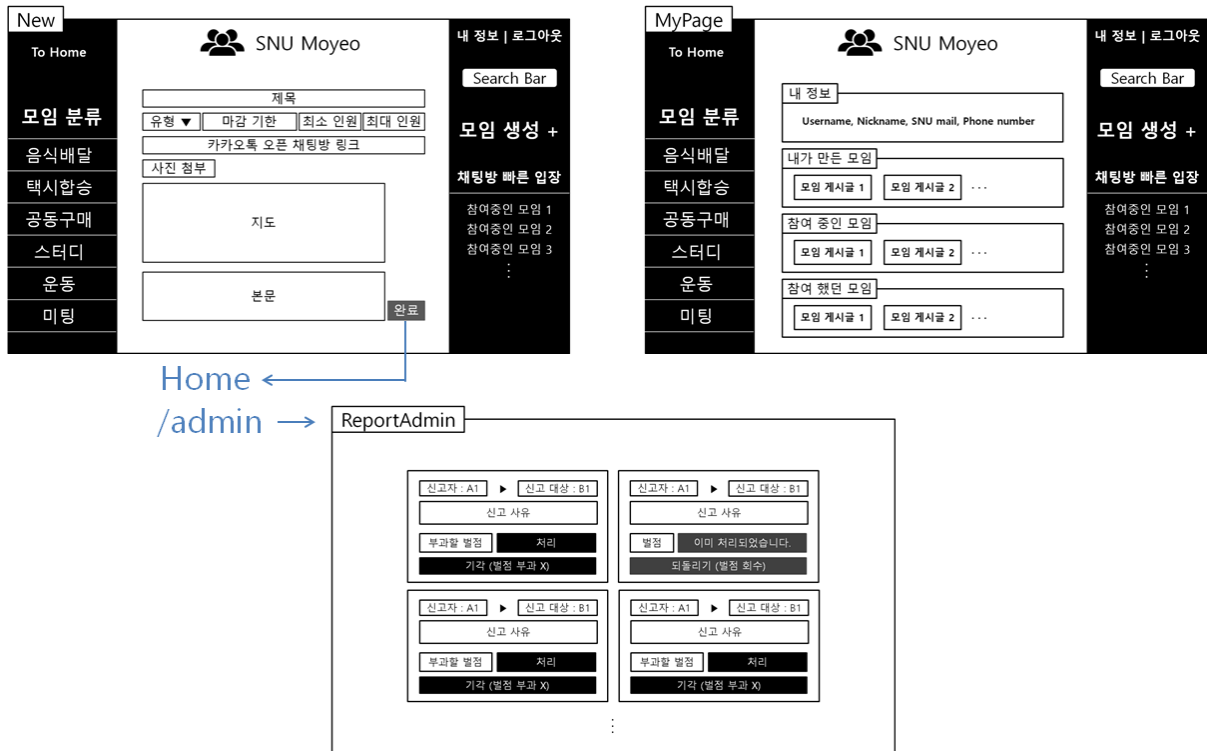
또 다른 차이점은 참여자들 사이의 신뢰성 문제이다. 실제로 두 어플을 설치하여 계정을 생성해본 결과, 가입할 때는 휴대폰 인증을 실시하기에 한 사람이 여러 계정을 만들 수 없지만, 프로필을 만들 때는 따로 인증 절차가 없어서 생년월일, 이름, 사진을 마음대로 조작이 가능하였다. 이는 참여하려는 모임의 신뢰도를 떨어뜨릴 수 있다. 그러나 우리 웹사이트는 서울대 구성원들만 가입할 수 있도록 MySNU 메일 인증 절차와 휴대폰 인증 절차를 거치게 하며 가입자들은 자신의 정보를 바꿀 수가 없다. 이로 인해 참여하려는 모임의 주최자가 누군지 분명하게 알 수 있고, 이것은 두 프로그램과는 다르게 모임의 신뢰성을 더 많이 확보할 수 있음을 의미한다.

이러한 차이점들을 바탕으로 "SNU Moyeo"는 기존의 프로그램들과 차별화되어 서울대 구성원들 사이에서는 모임 개설을 위한 유용한 웹 사이트로 자리 잡을 수 있을 것이다.

## User Interface



※ 중복되는 화살표는 하나만 표시하였음



※ 앞에서 묘사한 화살표는 여기서 표시하지 않았음

## User Stories

### Actors

- Ordinary Users or Administrator

### In Login Page

#### 1) Feature : Sign up

- Scenario: Click [회원 가입] button and go to Signup page
- Acceptance Test

**Given** I am on Loin page

**When** I click [회원 가입] button

**Then** I will be on Signup page

## 2) Feature : Log in

- Scenario: Log in and go to Home page
  - Acceptance Test
- Given** I am on Login page and I am authenticated
- When** I type my ID in [Username] box
- And** I type my password in [Password] box
- And** I click [로그인] button
- Then** I will be logged in
- And** I will be on Home page

## 3) Feature : Log in

- Scenario: Log in and go to LoginAuth page
  - Acceptance Test
- Given** I am on the Login page and I am not authenticated
- When** I type my ID in [Username] box
- And** I type my password in [Password] box
- And** I click [로그인] button
- Then** I will be logged in
- And** I will be on LoginAuth page

## In Signup Page

### 1) Feature : Sign up

- Scenario: Sign up and go to LoginAuth page
  - Acceptance Test
- Given** I am on Signup page
- When** I type my ID in [Username] box

**And** I type my password in [Password] box

**And** I type my password in [Password Confirm] box

**And** I type my name in the [nickname] box

**And** I type the security code in [보안문자] box

**And** I click [회원가입] button

**Then** I will be signed up

**And** I will be on LoginAuth page

## 2) Feature : Return

- Scenario: Return to Login page
- Acceptance Test

**Given** I am on Signup page

**And** I click [돌아가기] button

**Then** I will be on Login page

## In LoginAuth Page

### 1) Feature : Authenticate MySNU email

- Scenario: Authenticate MySNU email
- Acceptance Test

**Given** I am on LoginAuth page

**When** I type my MySNU email in [email] box

**And** I click [인증번호 전송] button

**Then** An authentication email will be send to my MySNU email

**And** I type the authentication code in [email code] box

**And** I click [확인] button

**And** Authentication of MySNU email is completed

## 2) Feature : Authenticate phone number

- Scenario: Authenticate phone number
- Acceptance Test

**Given** I am on LoginAuth page

**When** I type my phone number in [phone number] box

**And** I click [인증번호 전송] button

**Then** An authentication message will be send to my phone

**And** I type the authentication number in [message code] box

**And** I click [확인] button

**Then** Authentication of phone number is completed

## 3) Feature : Complete authentication

- Scenario: Complete authenticate and go to Home page
- Acceptance Test

**Given** I am on LoginAuth page and I completed both authentication

**When** I click [인증완료] button

**Then** I will be on Home page

## 4) Feature : Log out

- Scenario: Log out and return to Login page
- Acceptance Test

**Given** I am on LoginAuth page

**And** I click [로그아웃] button

**Then** I will be on Login page



## In Home Page

### 1) Feature : Show all the meeting posts in increasing order of due

- Scenario: Show all the meeting posts in increasing order of due
- Acceptance Test

**Given** I am on Home page

**Then** All the meeting posts are listed in increasing order of due

(only limited # meeting posts are shown)

**And** I can see the info of a meeting by clicking the meeting post

### 2) Feature : Show all the meeting posts in decreasing order of created time

- Scenario: Show all the meeting posts in decreasing order of created time
- Acceptance Test

**Given** I am on Home page

**Then** All the meeting posts are listed in decreasing order of created time

(only limited # meeting posts are shown)

**And** I can see the info of a meeting by clicking the meeting post

## In List Page

### 1) Feature : Show a specific type of meeting posts

- Scenario: Show a specific type of meeting posts
- Acceptance Test

**Given** I am on List page

**Then** A specific type of meeting posts are listed in decreasing order of created time

(the meeting posts are paginated)

**And** I can see the info of a meeting by clicking the meeting post

## 2) Feature : Search all the meeting posts with the specified type

- Scenario: Type a search keyword in [이 게시판에서 검색] bar and click [Search] button
- Acceptance Test

**Given** I am on List page

**When** I type a search keyword in the search bar under the list

**And** I click [Search] button

**Then** The meeting posts with that type containing that keyword will be listed

(the meeting posts are paginated)

## 3) Feature : Search naver shopping

- Scenario: Type a search keyword in [네이버 쇼핑 검색] bar and click [Search] button
- Acceptance Test

**Given** I am on List page

**And** The specified type is [공동구매]

**When** I type a search keyword in [네이버 쇼핑 검색] box

**And** I click [Search] button

**Then** A window showing the search result will be popped up

**And** I can see the search result in decreasing order of similarity

## In All Page

### 1) Feature : Show the results of searching all the meeting posts

- Scenario: Go to All page by typing a search keyword and click [Search] button
- Acceptance Test

**Given** I am on All page

**Then** The meeting posts containing that keyword will be listed

(the meeting posts are paginated)

## **In List, or All Page**

### **1) Feature : Paginate**

- Scenario: Click [<] button and see the first page
- Acceptance Test

**Given** I am on List page

**When** I click [<] button

**Then** The meetings in the first page will be shown

### **2) Feature : Paginate**

- Scenario: Click [>] button and see the last page
- Acceptance Test

**Given** I am on List page

**When** I click [>] button

**Then** The meetings in the last page will be shown

### **3) Feature : Paginate**

- Scenario: Click [<] button and see the previous page
- Acceptance Test

**Given** I am on List page

**When** I click [<] button

**Then** The meetings in the previous page will be shown

### **4) Feature : Paginate**

- Scenario: Click [>] button and see the next page
- Acceptance Test

**Given** I am on List page

**When** I click [>] button

**Then** The meetings in the next page will be shown

## 5) Feature : Paginate

- Scenario: Click a page number and see the page
- Acceptance Test

**Given** I am on List page

**When** I click a page number

**Then** The meetings in the the page will be shown

## New page

### 1) Feature : Creating a new meeting

- Scenario: Type the information of the meeting and create a new meeting post
- Acceptance Test

**Given** I am on New page

**When** I type the title in [제목] box

**And** I select the meeting type in [모임 유형] box

**And** I type the due date in [모집 마감 기한] box

**And** I type the minimal number of people in [최소인원] box

**And** I type the maximal number of people in [최대인원] box

**And** I type the description in [내용] box

**And** I attach a picture if necessary (not mandatory)

**And** I click the meeting location in the Daum Map if necessary (not mandatory)

**And** I type the KAKAO open chatting link in [오픈 채팅방 링크] (not mandatory)

**And** I click [완료] button

**Then** The meeting post will be created

**And** I will be on Home page

## **2) Feature : Search naver shopping**

- Scenario: Select [공동구매] in [모임 유형] box and search naver shopping
- Acceptance Test

**Given** I am on New page

**When** I select [공동구매] in [모임 유형] box

**And** I type a search keyword in [네이버 쇼핑 검색] box

**And** I click [Search] button

**Then** A window showing the search result will be popped up

**And** I can see the search result in decreasing order of similarity

## **In MyPage Page**

### **1) Feature : Show my information**

- Scenario: Go to MyPage page by clicking [내 정보] button in the right side bar
- Acceptance Test

**Given** I am on MyPage page

**Then** I can see my username

**And** I can see my nickname

**And** I can see my email address

**And** I can see my phone number

### **2) Feature : Show the meeting posts that I created**

- Scenario: Show the meeting posts that I created
- Acceptance Test

**Given** I am on MyPage page

**Then** The meeting posts that I created are listed in decreasing order of created time

**And** I can see the info of a meeting by clicking the meeting post

### **3) Feature : Show the meeting posts that I am participating in**

- Scenario: Show the meeting posts that I am participating in
- Acceptance Test

**Given** I am on MyPage page

**Then** The meeting posts that I am participating in are listed in decreasing order of created time

**And** I can see the info of a meeting by clicking the meeting post

### **4) Feature : Show the meeting posts that I participated and was broken up**

- Scenario: Show the meeting posts that I participated and was broken up
- Acceptance Test

**Given** I am on MyPage page

**Then** The meeting posts that I participated and was broken up are listed in decreasing order of created time

**And** I can see the info of a meeting by clicking the meeting post

## **ReportAdmin page**

### **1) Feature : Accept an accuse**

- Scenario: Administrator clicks [처리] button and accept the accuse
- Acceptance Test

**Given** I am on ReportAdmin page

**And** I am the administrator

**When** I write the point to charge to the reportee in [부여할 별점 점수] box

**And** I click [처리] button on the accuse report

**Then** The accuse will be accepted

**And** The reportee will have the specified penalty points

## 2) Feature : Reject an accuse

- Scenario: : Administrator clicks [기각] button and reject the accuse
- Acceptance Test

**Given** I am on ReportAdmin page

**And** I am the administrator

**When** I click [기각] button on the accuse report

**Then** The accuse will be rejected(ignored)

## 3) Feature : Rollback an accuse

- Scenario: : Administrator click the [되돌리기] button and rollback the accuse
- Acceptance Test

**Given** I am on ReportAdmin page

**And** I am the administrator

**When** I click [되돌리기] button on the accuse report, which was accepted

**Then** The accuse will be rollbacked

**And** The reportee's penalty points will be rollbacked

## In Home, List, All, New, or MyPage Page

### 1) Feature : Return to home page

- Scenario: Return to Home page
- Acceptance Test

**Given** I am on Home, List, All, New, or MyPage page

**When** I click [To Home] button

**Then** I will be on Home page

## 2) Feature : See my information

- Scenario: Click [내 정보] button and go to MyPage page
- Acceptance Test

**Given** I am on Home, List, All, New, or MyPage page

**When** I click [My Page] button

**Then** I will be on MyPage page

## 3) Feature : Log out

- Scenario: Log out and return to Login page
- Acceptance Test

**Given** I am on Home, List, All, New, or MyPage page

**And** I click [로그아웃] button

**Then** I will be on Login page

## 4) Feature : See a specific type of meeting posts

- Scenario: Select a meeting type and see the list of that type of meetings
- Acceptance Test

**Given** I am on Home, List, All, New, or MyPage page

**When** I click a meeting type in the left side bar

**Then** I will be on List page

## 5) Feature : Create a new meeting

- Scenario: Go to the page for creating a new meeting
- Acceptance Test

**Given** I am on the Home, List, All, New, or MyPage page

**When** I click [새 모임 만들기 +] button

**Then** I will be on New page



## 6) Feature : Search all meeting posts

- Scenario: Type a search keyword and click [Search] button
- Acceptance Test

**Given** I am on Home, List, All, New, or MyPage page

**When** I type a search keyword in right side bar

**And** I click [Search] button

**Then** I will be on <All> page

**And** The meeting posts containing that keyword will be listed

## 7) Feature : Access KAKAO open chatting link

- Scenario: Open the KAKAO open chatting link of a meeting that I am participating in
- Acceptance Test

**Given** I am on Home, List, All, New, or MyPage page

**When** I click the title of a meeting that I am participating in

**Then** The KAKAO open chatting link of that meeting will be opened

## When Clicking a Meeting Post (Home, List, All, or MyPage)

### 1) Feature : See the information of a meeting

- Scenario: Click a meeting post that other user posted and I am not participating in
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that other user posted

**And** I am not participating in that meeting

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [참가] button for participating in that meeting

## 2) Feature : See the information of a meeting

- Scenario: Click a meeting post that other user posted and I am participating in
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that other user posted

**And** I am not participating in that meeting

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [탈퇴] button for participating in that meeting

## 3) Feature : See the information of a meeting

- Scenario: Click a meeting post that I created, where its state is [모집 중]
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that I created

**When** The state of that meeting is [모집 중]

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [마감] button for closing that meeting

**And** I can see [해산] button for breaking up that meeting

**And** I can see [수정] button for modifying that meeting post

#### 4) Feature : See the information of a meeting

- Scenario: Click a meeting post that I created, where its state is [모집 마감]
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that I created

**When** The state of that meeting is [모집 마감]

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [추가모집 시작] button for re-recruiting of that meeting

**And** I can see [해산] button for breaking up that meeting

**And** I can see [수정] button for modifying that meeting post

#### 5) Feature : See the information of a meeting

- Scenario: Click a meeting post that I created, where its state is [추가모집 중]
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that I created

**When** The state of that meeting is [추가모집 중]

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [추가모집 중단] button for stopping re-recruiting that meeting

**And** I can see [해산] button for breaking up that meeting

**And** I can see [수정] button for modifying that meeting post

#### 6) Feature : See the information of a meeting

- Scenario: Click a meeting post that I created, where its state is [추가모집 마감]
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that I created

**When** The state of that meeting is [추가모집 마감]

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [해산] button for breaking up that meeting

**And** I can see [수정] button for modifying that meeting post

#### 7) Feature : See the information of a meeting

- Scenario: Click a meeting post that I created, where its state is [해산]
- Acceptance Test

**Given** I am on the Home, List, All, or MyPage page

**When** I click a meeting post that I created

**When** The state of that meeting is [해산]

**Then** A popup containing info of that meeting appears

**And** I can see the basic info of that meeting (title, description, leader, due, etc.)

**And** I can see the additional info of that meeting (map, open chat link, picture, etc.)

**And** I can see the list of comments on that meeting and the form for writing a comment

**And** I can see [수정] button for modifying that meeting post

### **In Popup Window Showing Meeting info (Home, List, All, or MyPage)**

#### **1) Feature : Add comment**

- Scenario: I write a comment and click [댓글 작성] button
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**When** I write a comment in [comment on this meeting...] box

**And** I click [댓글 작성] button

**Then** The comment is added

#### **2) Feature : Edit comment**

- Scenario: I click [수정] button of one of my comments and edit it
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**When** I click [수정] button of one of my comments

**And** I re-write my comment

**And** I click [완료] button

**Then** The comment is edited

#### **3) Feature : Delete comment**

- Scenario: I click [삭제] button of one of my comments and delete it
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**When** I click [삭제] button of one of my comments

**And** I click [예] button

**Then** The comment is deleted

#### 4) Feature : Join a meeting

- Scenario: I click [참가] button and participate in the meeting
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am not the leader of that meeting

**And** I am not participating in that meeting

**When** I click [참가] button

**Then** I become a member of that meeting

#### 5) Feature : Withdraw from a meeting

- Scenario: I click [탈퇴] button and participate in the meeting
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am not the leader of that meeting

**And** I am participating in that meeting

**When** I click [탈퇴] button

**Then** I withdraw from that meeting

#### 6) Feature : Closing a meeting

- Scenario: I click [마감] button and close the meeting
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**And** The state of that meeting is [모집 중]

**And** The minimum number condition is satisfied

**When** I click [마감] button

**Then** The meeting become closed and not visible to other user

#### 7) Feature : Re-recruiting of a meeting

- Scenario: I click [추가모집 시작] button and close the meeting
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**And** The state of that meeting is [모집 마감]

**When** I click [추가모집 시작] button

**Then** The meeting become re-opened and visible to other user

#### 8) Feature : Stop re-recruiting of a meeting

- Scenario: I click [추가모집 중단] button and close the meeting
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**And** The state of that meeting is [추가모집 중]

**When** I click [추가모집 중단] button

**Then** The meeting become re-closed and invisible to other user

#### 9) Feature : Breaking up a meeting

- Scenario: I click [해산] button and close the meeting
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**When** I click [해산] button

**Then** The meeting will be broken up and become invisible to other user

#### 10) Feature : Modify a meeting post

- Scenario: I click [수정] button and go the New page
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**When** I click [수정] button

**Then** I am on New page and can modify the meeting info

#### 11) Feature : Show the info of the leader of a meeting

- Scenario: Click the leader's name and click [정보보기] 버튼
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**When** I click the leader's name

**And** I click [정보보기] button

**Then** The info of the leader will be shown (username, email, phone\_number, etc.)

#### 12) Feature : Accuse the leader

- Scenario: Click the leader's name and click [신고하기] 버튼
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**When** I click the leader's name

**And** I click [신고하기] button

**And** I write the reason why I want to accuse the leader

**And** I click [신고 완료] button

**Then** The report is send to the administrator



### 13) Feature : Show the info of the members of a meeting

- Scenario: Click a member's name and click [정보보기] 버튼
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**When** I click [현재 참여 인원 : n명] button

**And** I click a member's name

**And** I click [정보보기] button

**Then** The info of the member will be shown (username, email, phone\_number, etc.)

### 14) Feature : Accuse a member

- Scenario: Click the leader's name and click [신고하기] 버튼
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**When** I click [현재 참여 인원 : n명] button

**And** I click a member's name

**And** I click [신고하기] button

**And** I write the reason why I want to accuse the member

**And** I click [신고 완료] button

**Then** The report is send to the administrator

### 15) Feature : Download the excel file containing the info of the members of a meeting

- Scenario: Click [참여 멤버 정보 다운] button and download the excel file
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am the leader of that meeting

**When** I click [참여 멤버 정보 다운] button

**Then** The excel file containing the info of the members will be downloaded

#### **16) Feature : Access the KAKAO open chatting link of a meeting**

- Scenario: Click KAKAO open chatting link and access the link
- Acceptance Test

**Given** I popped up a window showing meeting info by clicking a meeting post

**And** I am a member of that meeting

**When** I click KAKAO open chatting link

**Then** The KAKAO open chatting link of that meeting will be opened

### **Redirection**

#### **1) Feature : Redirect to Login page (when not logged)**

- Scenario: User not logged accesses Home, MyPage, New, List, All, LoginAuth, or ReportAdmin page by url
- Acceptance Test

**Given** I am not logged

**When** I try to access Home, MyPage, New, List, All, LoginAuth, or ReportAdmin by url

**Then** I will be on Login page

#### **2) Feature : Redirect to LoginAuth page (when not authenticated)**

- Scenario: User logged but not authenticated accesses Login, Signup, Home, MyPage, New, List, or All page by url
- Acceptance Test

**Given** I am not authenticated

**When** I try to access Login, Signup, Home, MyPage, New, List, or All by url

**Then** I will be on LoginAuth page

### **3) Feature : Redirect to Login page (when already logged)**

- Scenario: User already logged accesses Login or Signup page by url
- Acceptance Test

**Given** I am logged

**When** I try to access Login or Signup by url

**Then** I will be on Home page

### **4) Feature : Redirect to Login page (when not administrator)**

- Scenario: User who is not administrator accesses ReportAdmin page by url
- Acceptance Test

**Given** I am not administrator

**When** I try to access ReportAdmin by url

**Then** I will be on Home page

### **5) Feature : Redirect to Login page (when bad user)**

- Scenario: User with more than 10 penalty points accesses some pages by url
- Acceptance Test

**Given** I have more than 10 penalty points

**When** I try to access some pages except Login and Signup page by url

**Then** I will be on Login page