

SNU Moyeo : “혼자 하면 힘든, 같이 하면 쉬운”

Requirements and Specification

Revision Bullet List (by 5th 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.

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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.

```

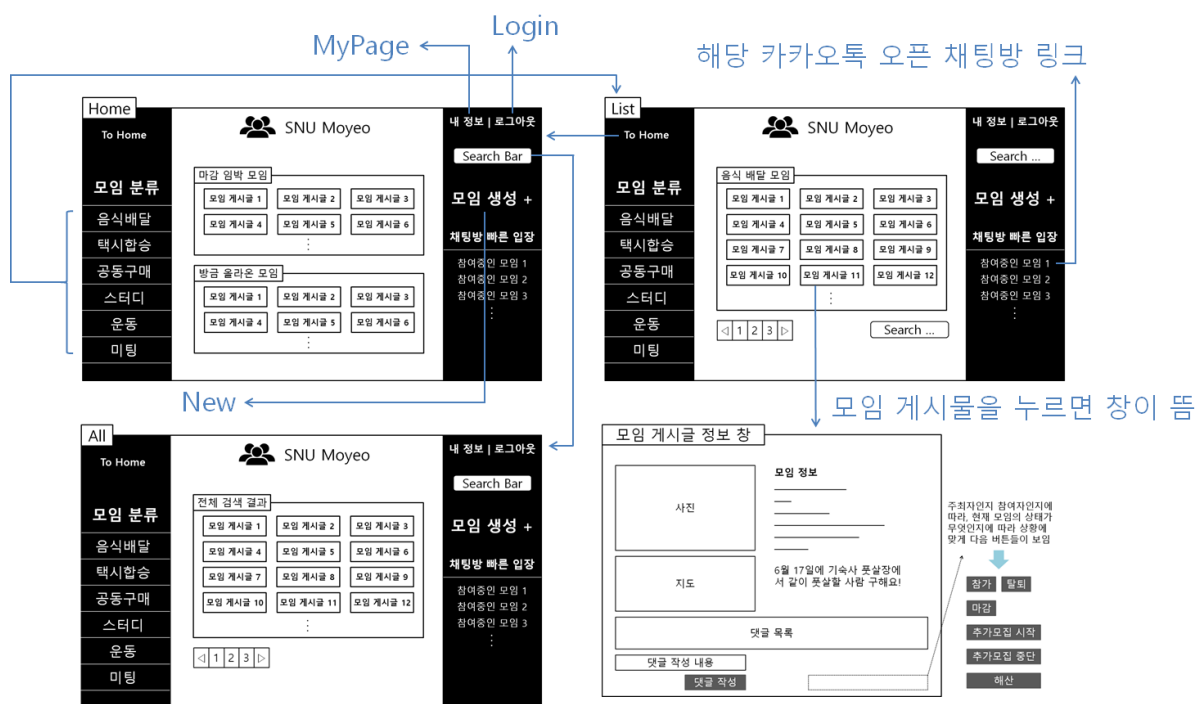
graph TD
    subgraph Login
        direction TB
        L_U[Username]
        L_P[Password]
        L_Login[로그인]
        L_Signup[회원가입]
    end

    subgraph Signup
        direction TB
        S_U[Username]
        S_P[Password]
        S_PC[Password confirm]
        S_N[Nickname]
        S_Signup[회원가입]
        S_Back[돌아가기]
    end

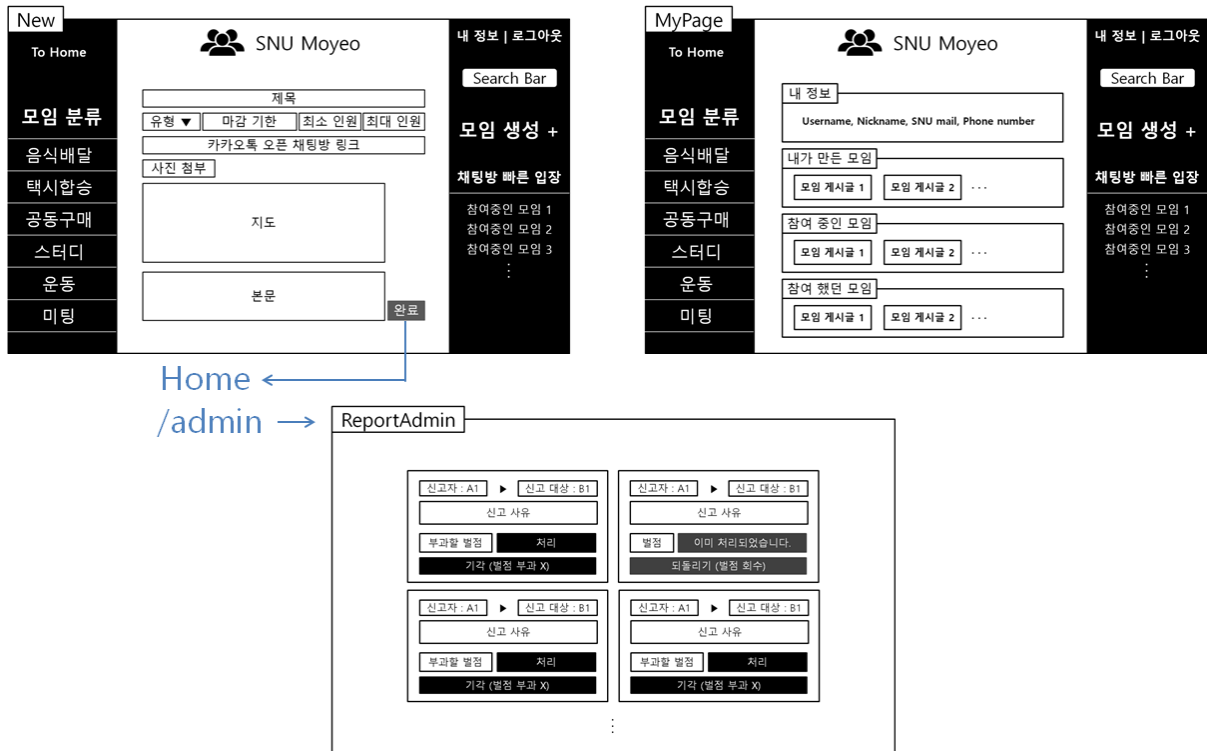
    subgraph LoginAuth
        direction TB
        subgraph SNU_Mail_Auth [SNU 메일 인증]
            direction TB
            SNU_Mail[SNU mail]
            SNU_Code[Authentication Code]
            SNU_Send[인증번호 전송]
            SNU_Confirm[확인]
        end
        subgraph Mobile_Auth [휴대폰 인증]
            direction TB
            Mobile_Phone[Phone number]
            Mobile_Code[Authentication Code]
            Mobile_Send[인증번호 전송]
            Mobile_Confirm[확인]
        end
        SNU_Auth[인증완료]
        Logout[로그아웃]
    end

    L_Login --> Home
    S_Back --> Home
    L_Signup --> Signup
    S_Back --> LoginAuth
    SNU_Auth --> Home
    Logout --> Home

```



※ 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 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

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 벌점 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 becomes 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