Requirements Analysis Engineering Proposal

Cloud-based survey management services
and template sharing platforms

Team 4 / CONTINEW

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Table of Contents

1 Team Introduction

2 Motivation

- Suggestion Background
- Analysis of existing products
- Overview

3 Key Features

- Basic Technology
- AI Technology

4 Storyboard

- Requirements
- URL Address

5 Diagrams

- Use Case diagram
- Sequence diagram
- State diagram

6 Conclusion

Team Introduction

- Overview
  - Brief description of our team
  - Team members

Continew

Continue + new

: Continually challenge to new things

Team members

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Motivation

- Suggestion Background
- Analysis of existing products comparison
- Overview
  - Value Proposition
  - Brief description of the product

Suggestion Background

Source : https://u.inf.run/3q3tf7t

Suggestion Background

Respondents' View

1

Too much to answer,
Too similar

I did eight corporate surveys,
but it's the same

Surveyors' View

2

There are more than 1,000 participants in the satisfaction survey, so when can we analyze all the subjective answers?

How about making a **sharing survey form design platform**?

How about using an **AI technology** to summarize respondents' answers?

Analysis of existing product comparison

Google Forms

The interface is not complex and is designed to be user-friendly with only the features you need

Kakaowork Survey

Survey is only available within the group that belongs

Typeform

There are templates of sophisticated and stylish designs.

3

Pricing is expensive.

The templates are not diverse.

Value Proposition

1. Non-various questionnaire forms
2. Difficult to analyze the responses of many respondents
3. Pricing is expensive

SOL AI & Cloud-based Template Sharing Platform, UNIQ

Overview

Brief description of our service

Name : UNIQ

Meaning : It means a unique template and a survey management service that allows you to gain insights with questions

Key customers : Online survey form users

Service : Cloud-based survey management services and template sharing platforms

Key Features

- Basic Technology
  - Create Template
- AI Technology
  - AI Template Recommendation

Basic technology

Form Template Sharing Platform

Customizing Template

Managing Own Template & Form

AI technology

Template Recommendation System

Subjective Answer Analysis System

Keyword based Question creating AI

Storyboard

- Overview
- Pages’ Requirements
- URLs

Storyboard

/home

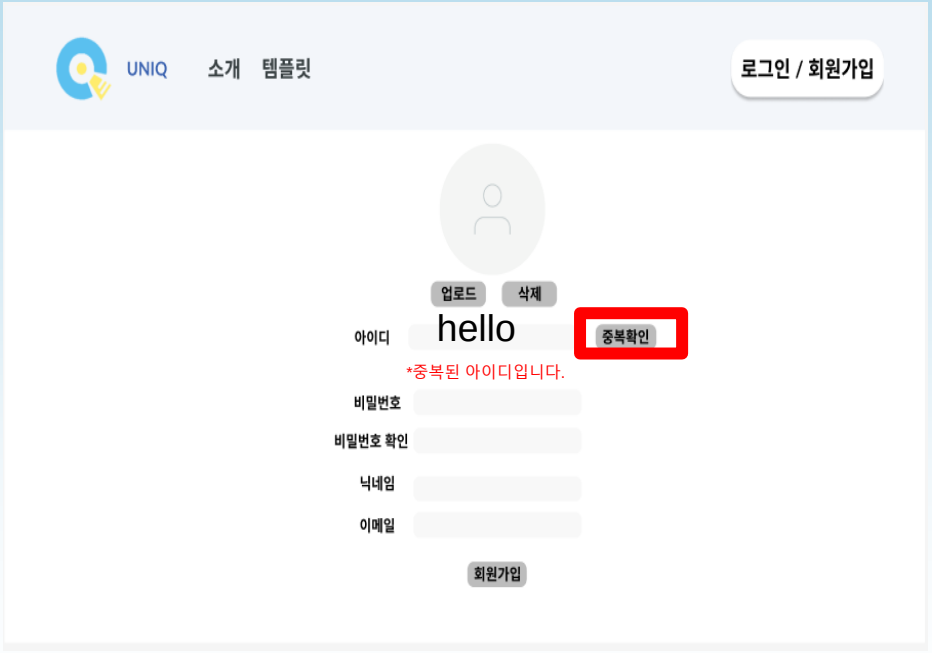
- GNB : introduction, template
- Create survey : login required
- Recent template : recently created templates
- Popular templates : viewable templates

Storyboard

/login

- Sign up
- Find ID/password
- If the login is successful, print out the login success message and go to the home screen.
- If login fails, the reason for not logging in is printed out as a message.

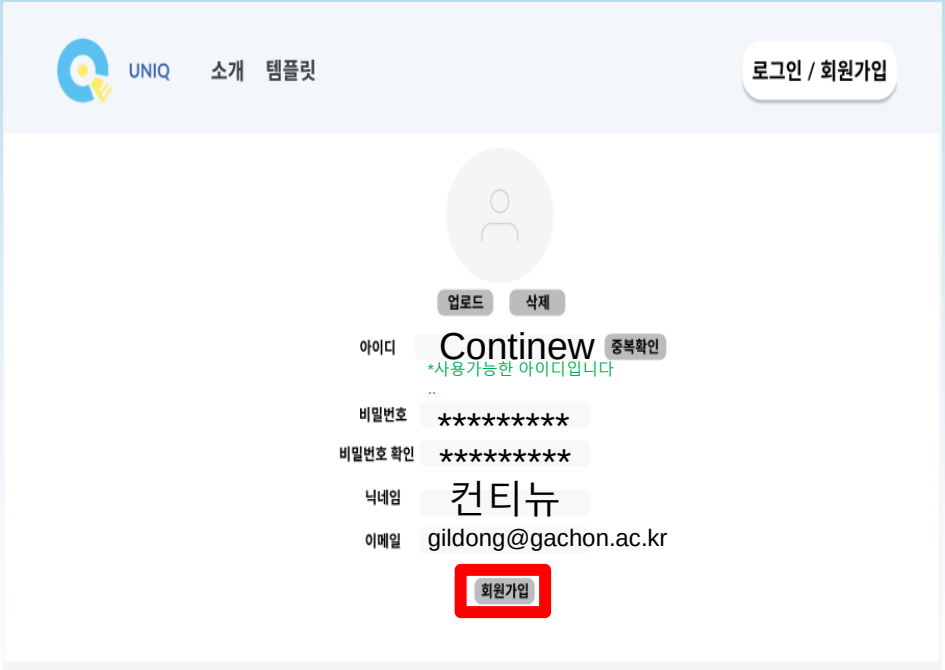
Storyboard



/login/signup

- **ID Duplicate Verification**
- It displays a completion window where immediately after signing up as a member.

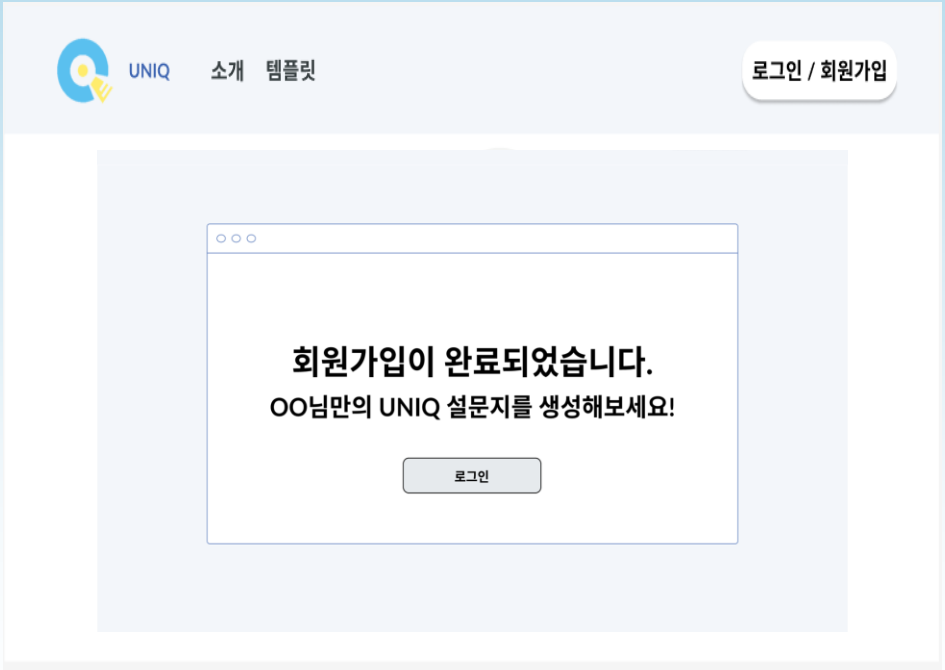
Storyboard



/login/signup

- **ID Duplicate Verification**
- It displays a completion window where immediately after signing up as a member.

Storyboard



/login/signup/success

- ID Duplicate Verification
- **It displays a completion window where immediately after signing up as a member.**

Storyboard

/home

- This is the page that is shown when you log in.
- What's different from when you're not logged in is that you can go to Notifications, Settings, and My Page from the top menu bar.
- At the bottom, you can check the list of user-generated questionnaires instead of the latest template.

Storyboard

/createSurvey

- Pop-up window that pops up when you press the Create Survey button
- The type or template of the survey page can be recommended.

Storyboard

/createSurvey/pre

- Question Type Creation page
- Create the kind of questions you want in advance
- Can also be created with the default form

Storyboard

/createSurvey/rectem

- 6 templates recommended.
- can view template information through the details page.
- can go make it yourself without choosing.

Storyboard

/createSurvey/onepage

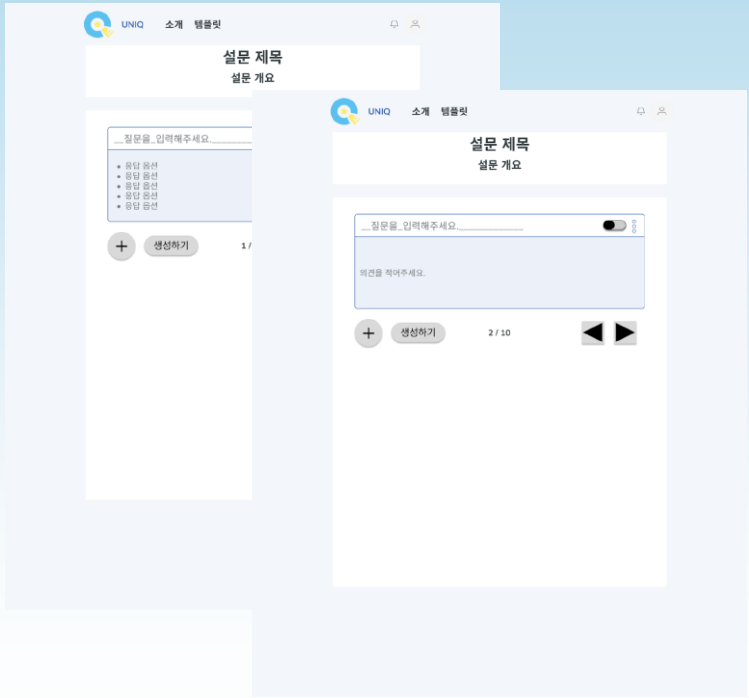
- The page that is displayed when select the One page type and then select Create as the default form.
- Select question type drop-down button.
- Required Response Question Settings toggle button

Storyboard

/createSurvey/onepage

- The page that is displayed when select the One page type and then select Create as the default form.
- **Select question type drop-down button.**
- Required Response Question Settings toggle button

Storyboard



/createSurvey/card

- Modify/Copy Survey
- Setting required response questions
- Add a question

Storyboard

/createSurvey/option

- Formatting
- Setting
- Sharing
- Saving

Storyboard

/createSurvey/option/format

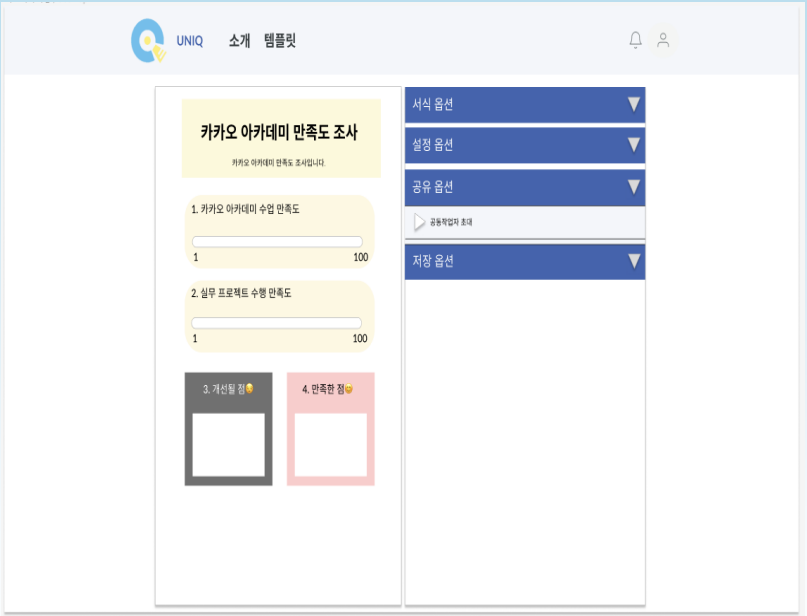
- size and rotation
- Location
- Shape
- background

Storyboard

/createSurvey/option/set

- Survey duration
- Question per page
- Random placement of questions

Storyboard



/createSurvey/option/share

- placement of questions

Storyboard

/createSurvey/option/save

- Saving as a template
- Saving as a survey

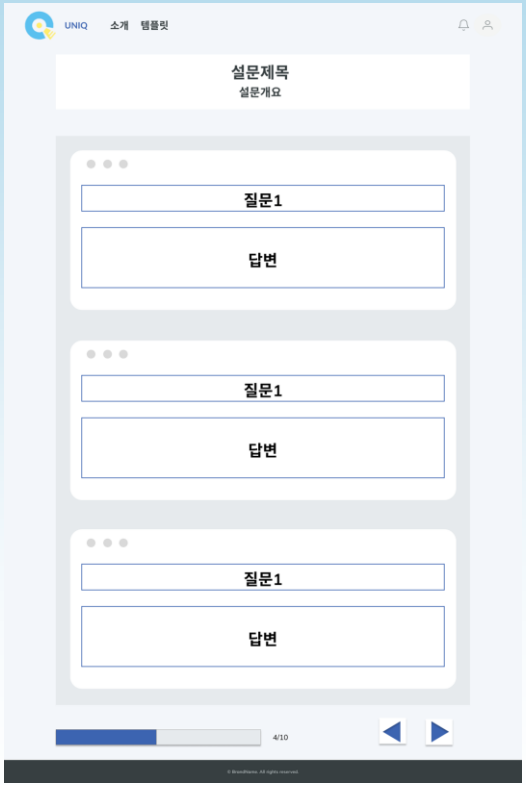
Storyboard

/createTemplateOk

Once you have completed creating the questionnaire, you can share it with the respondent as a link or QR code.

- Share by link
- Share by QR code

Storyboard

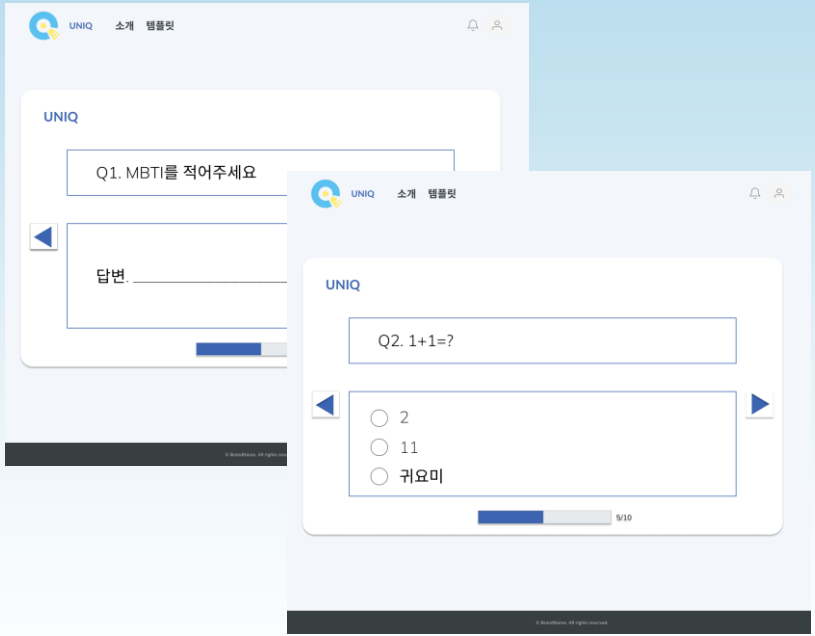


/responsePage/user1

It is a one page-type questionnaire screen to be shown to respondents who accessed through a questionnaire link or QR code

- Show questionnaire
- End of survey

Storyboard

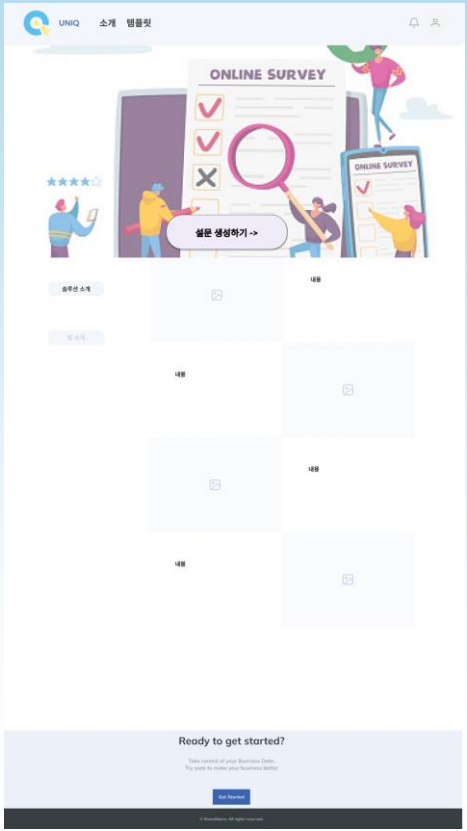


/responseCard/user2

It is a card-type questionnaire screen to be shown to respondents who accessed through a questionnaire link or QR code

- Can be moved by direction buttons
- Notify which page you are currently responding to via the progress bar

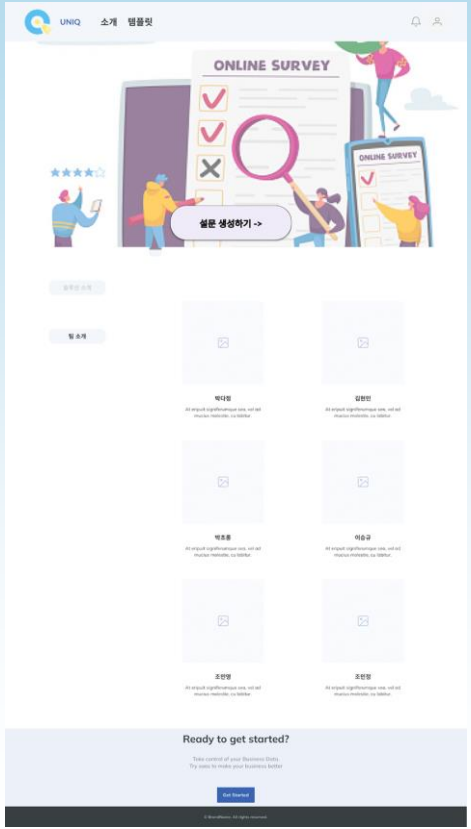
Storyboard



/introduce/solution-introduce

- This page is displayed when ‘소개’ button and ‘솔루션 소개‘ buttons are clicked.
- Page displays Solution name, Logo, Tech.

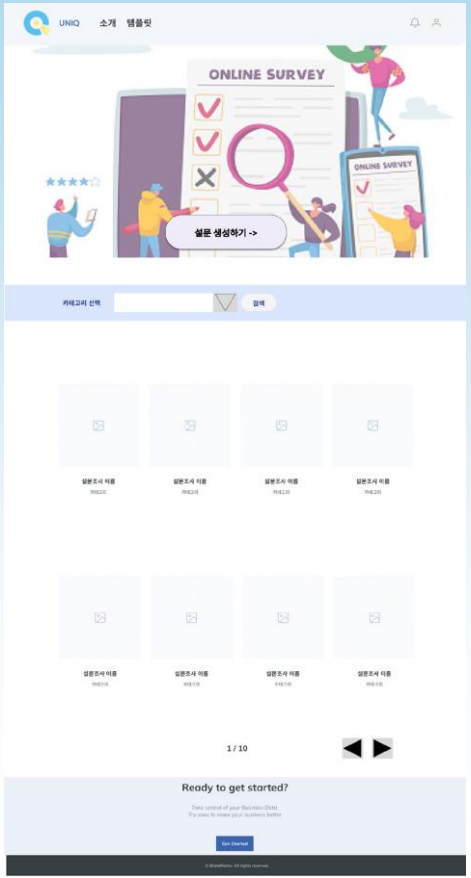
Storyboard



/introduce/team-introduce

- This page is displayed when ‘팀 소개‘ button is clicked.
- Page displays Team members’ Information and Project Role.

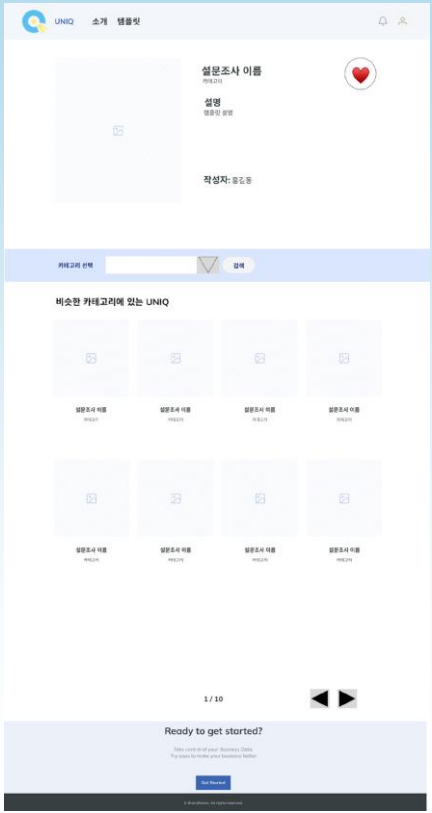
Storyboard



/template/templatelists

- User can search survey templates.
- Select Category, display group of survey in one category.
- Select template, display simple info and preview.

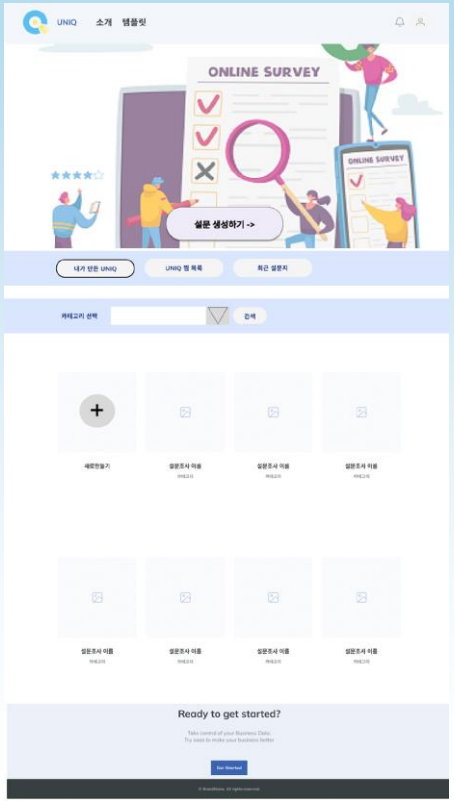
Storyboard



/template/templatelists/template-info

- Display template info like introduce, master and name of survey.
- Using like button, can see popularity and reliability.
- Display similar templates.

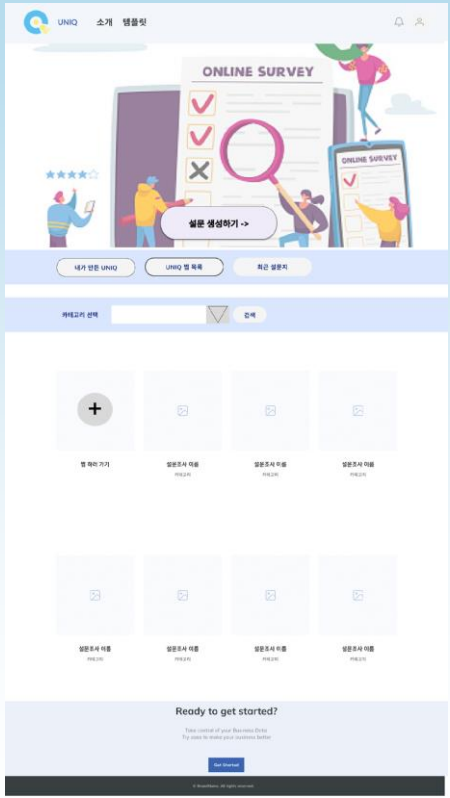
Storyboard



/user-mypage/my-UNIQ

- Click ‘나의 공간’, display mypage.
- Display UNIQ user made.
- Click ‘새로만들기’, move to template create page.

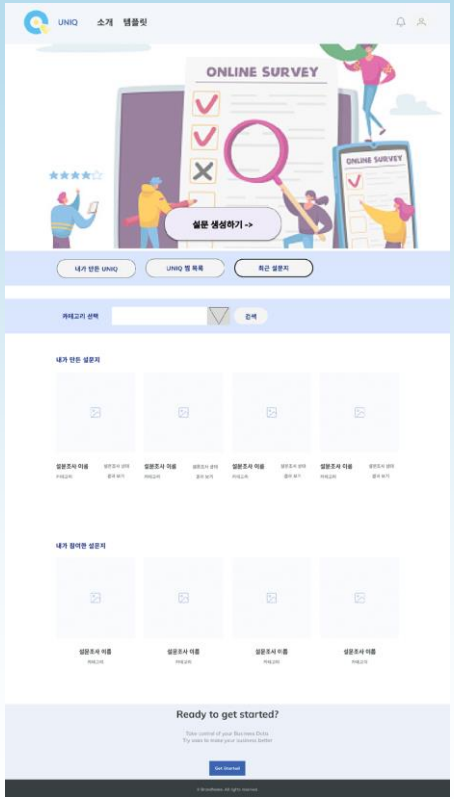
Storyboard



/user-mypage/favorite-UNIQ

- Click ‘UNIQ 찜 목록‘, display user’s favorite UNIQ templates.

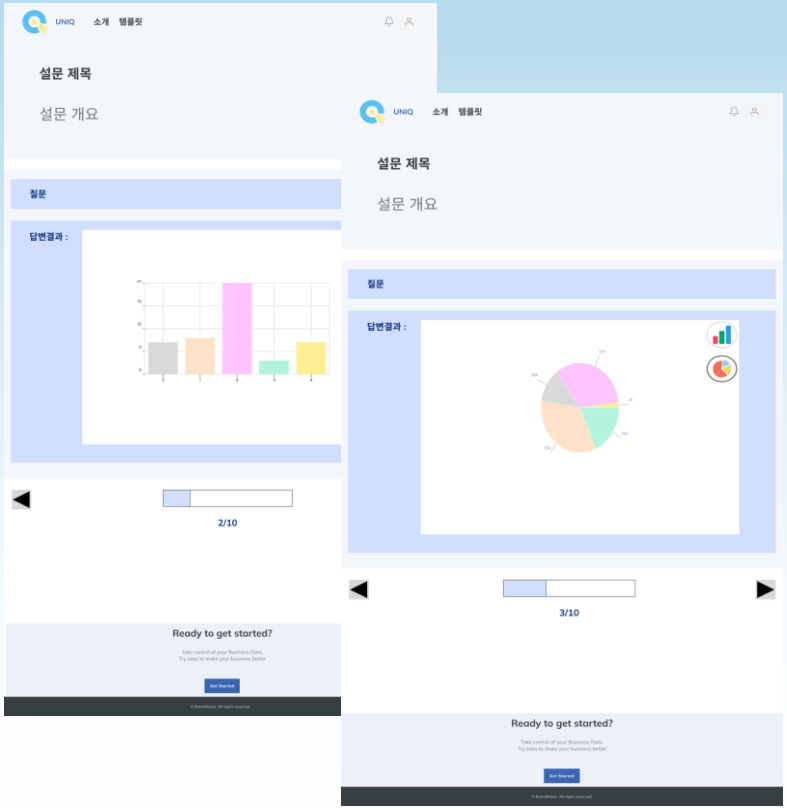
Storyboard



/user-mypage/recent-survey

- Display recent surveys
  (my survey and participated survey).
- My survey box has Progress, Result button.
- Progress state has Survey state, End button.
- If click Result button, display real time statistic.
- If click participated survey, display my answers.

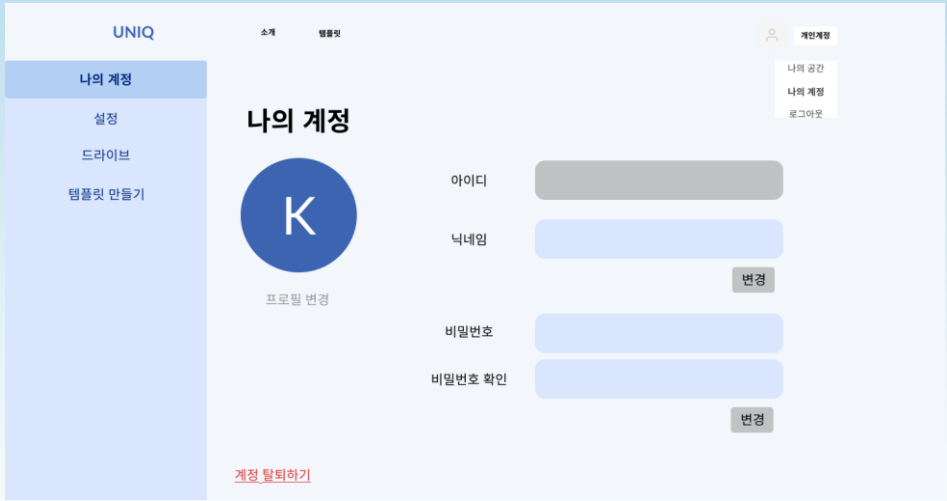
Storyboard



/template/survey/result/name-statistic

- Visualize survey statistics by using survey results based on user demand.
- Statistic types are Pie, Bar, Flow Chart, etc.

Storyboard



/user-myaccount/myaccount

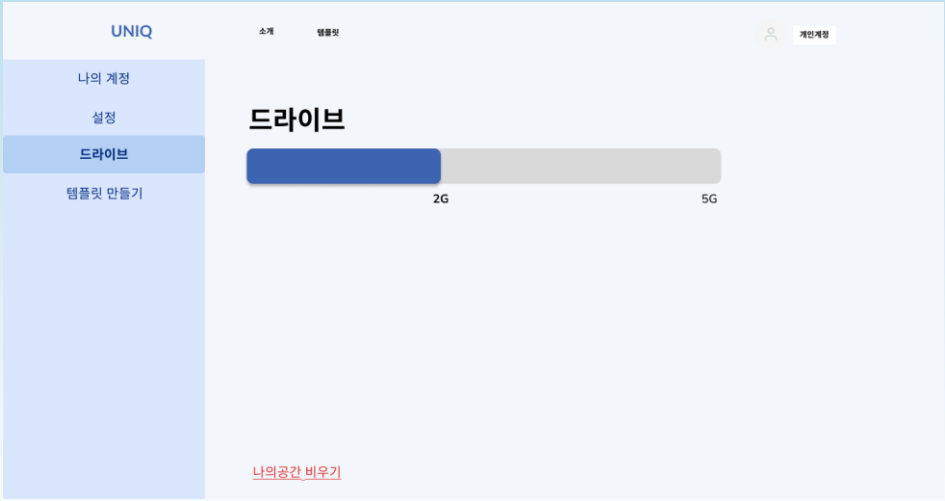
- Display user Profile Image, Id, Nickname.
- User can change Nickname, password.
- Leave button delete user data at DB.

Storyboard

/user-myaccount/setting

- User can set Alarm and Theme(Light/Dark).

Storyboard

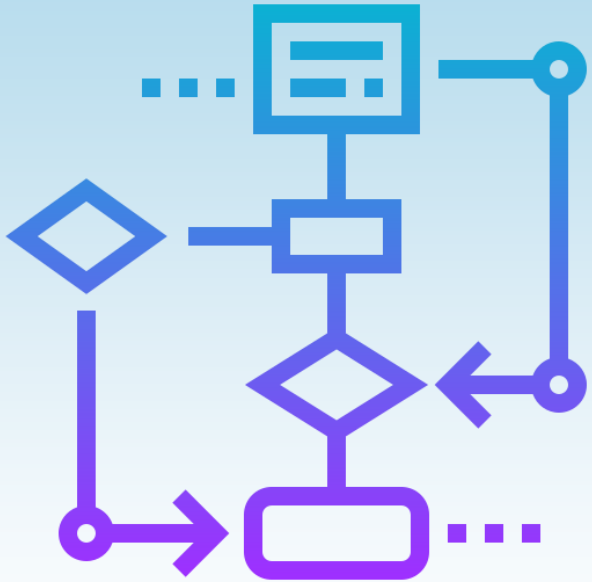


/user-myaccount/drive

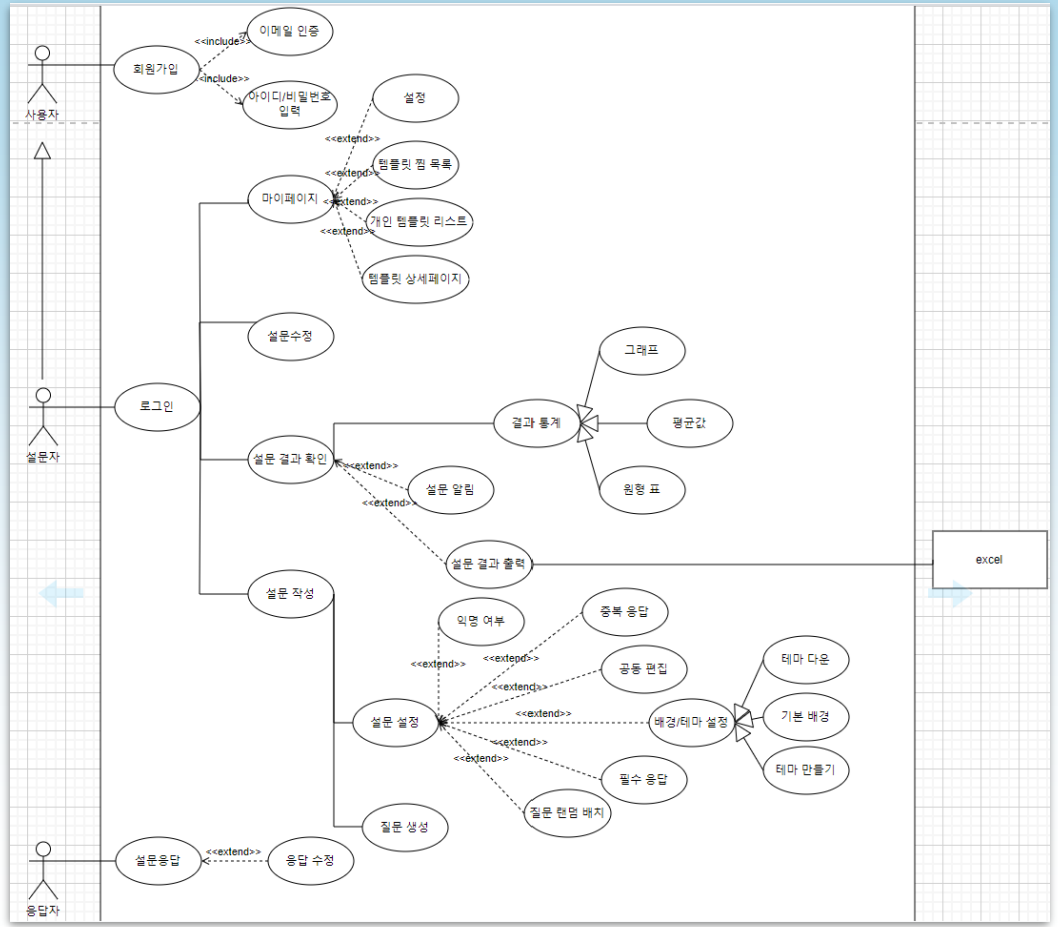
- Display Drive’s capacity.
- Click ‘나의공간 비우기‘, delete all surveys and templates.

Diagrams

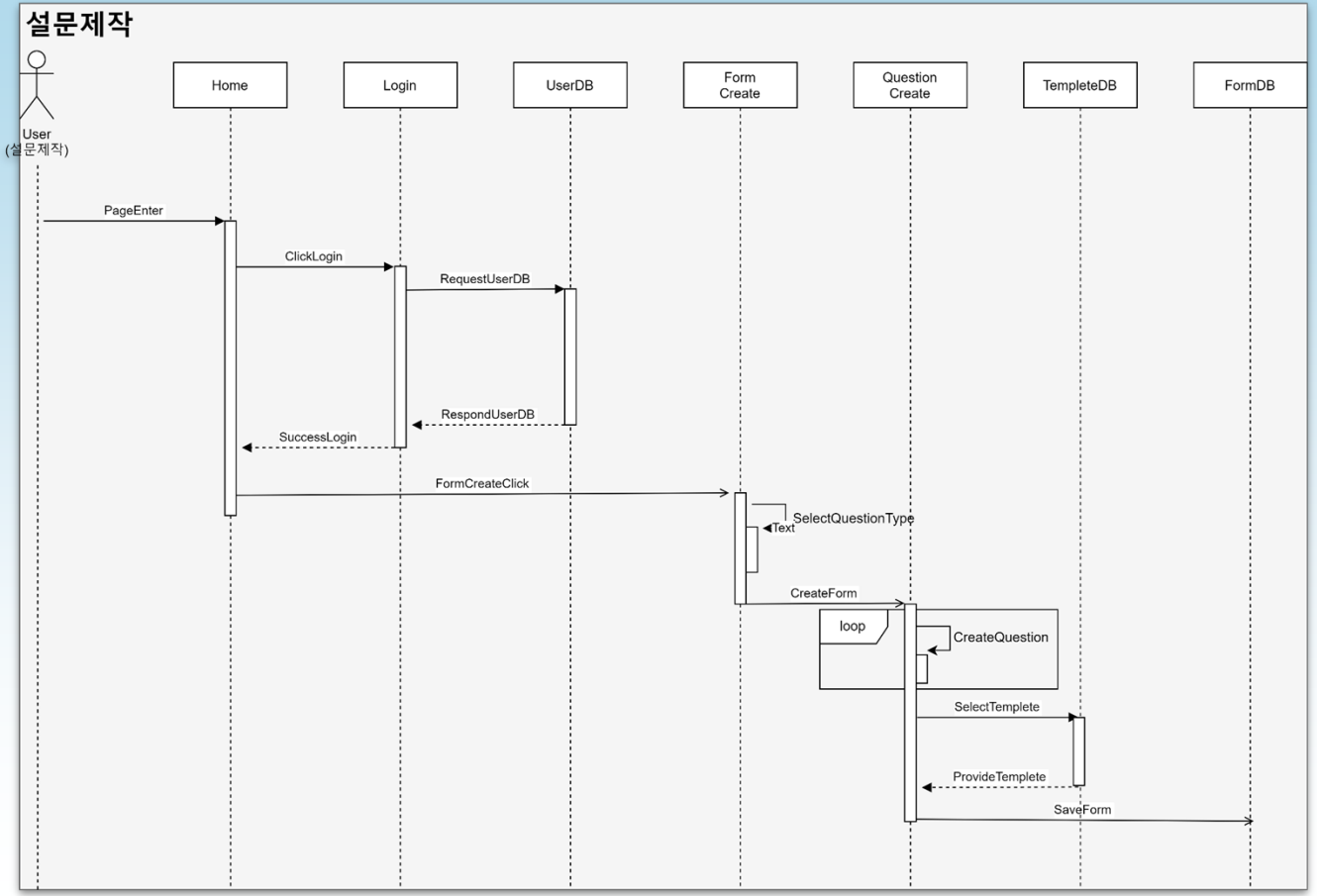
- Overview



Use case

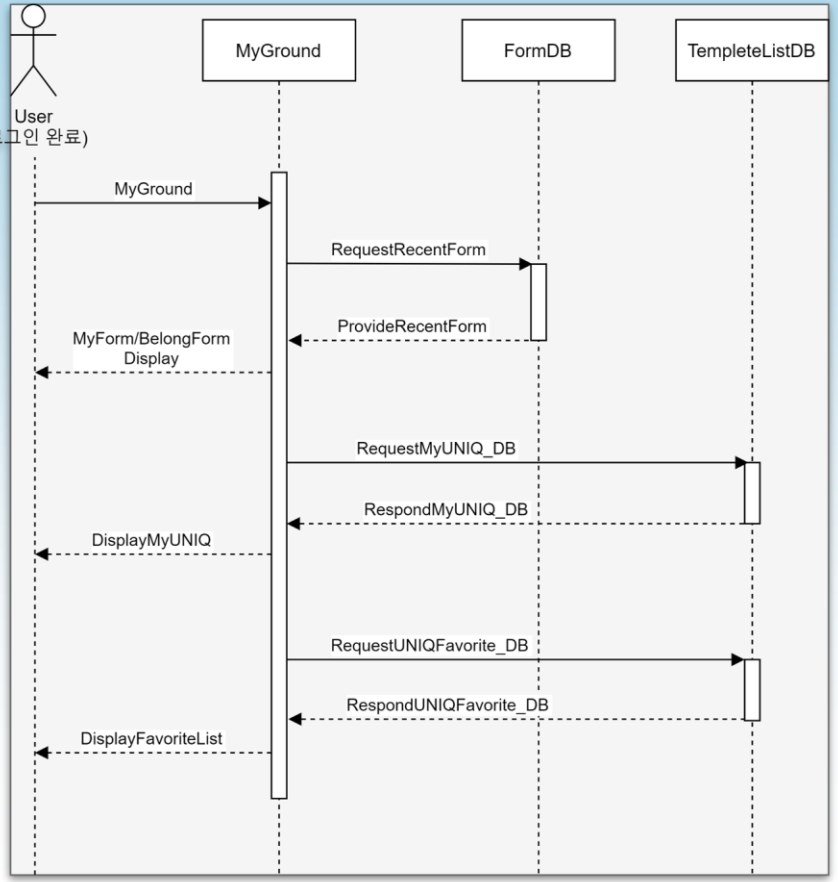

사용자
회원가입
<<include>>
이메일 인증
<<include>>
아이디/비밀번호 입력
설문자
로그인
마이페이지
<<extend>>
설정
<<extend>>
템플릿 찜 목록
<<extend>>
개인 템플릿 리스트
<<extend>>
템플릿 상세페이지
설문수정
설문 결과 확인
<<extend>>
설문 알림
<<extend>>
결과 통계
그래프
평균값
원형 표
설문 결과 출력
excel
설문 작성
익명 여부
<<extend>>
중복 응답
<<extend>>
공동 편집
<<extend>>
설문 설정
<<extend>>
배경/테마 설정
테마 다운
기본 배경
테마 만들기
<<extend>>
필수 응답
<<extend>>
질문 랜덤 배치
질문 생성
응답자
설문응답
<<extend>>
응답 수정

Sequence diagram

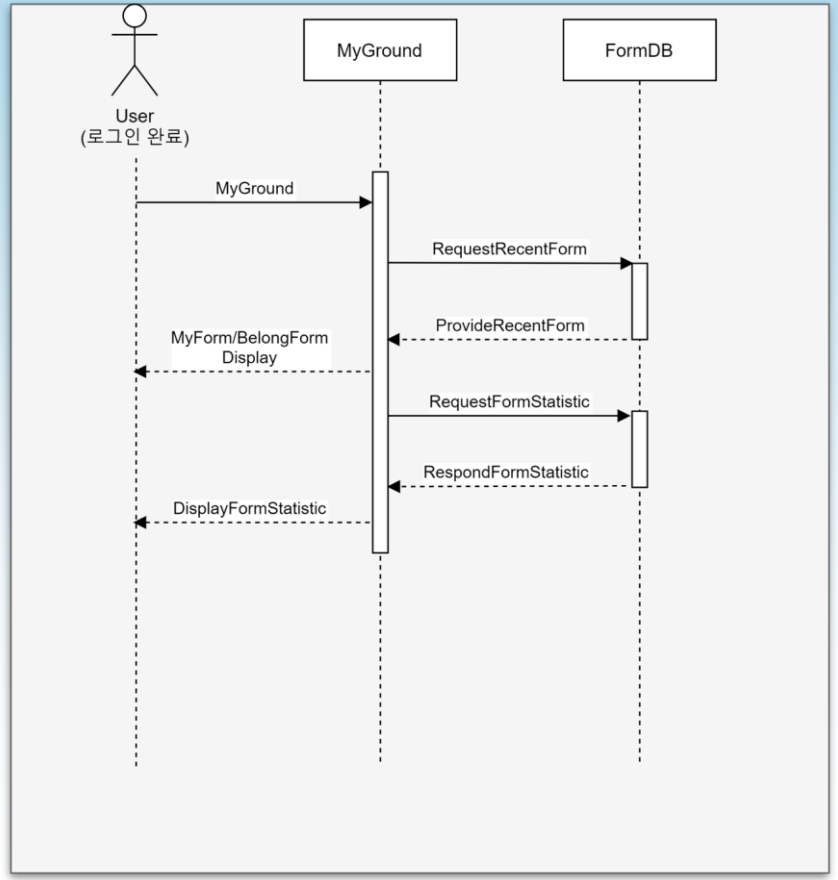


Sequence diagram

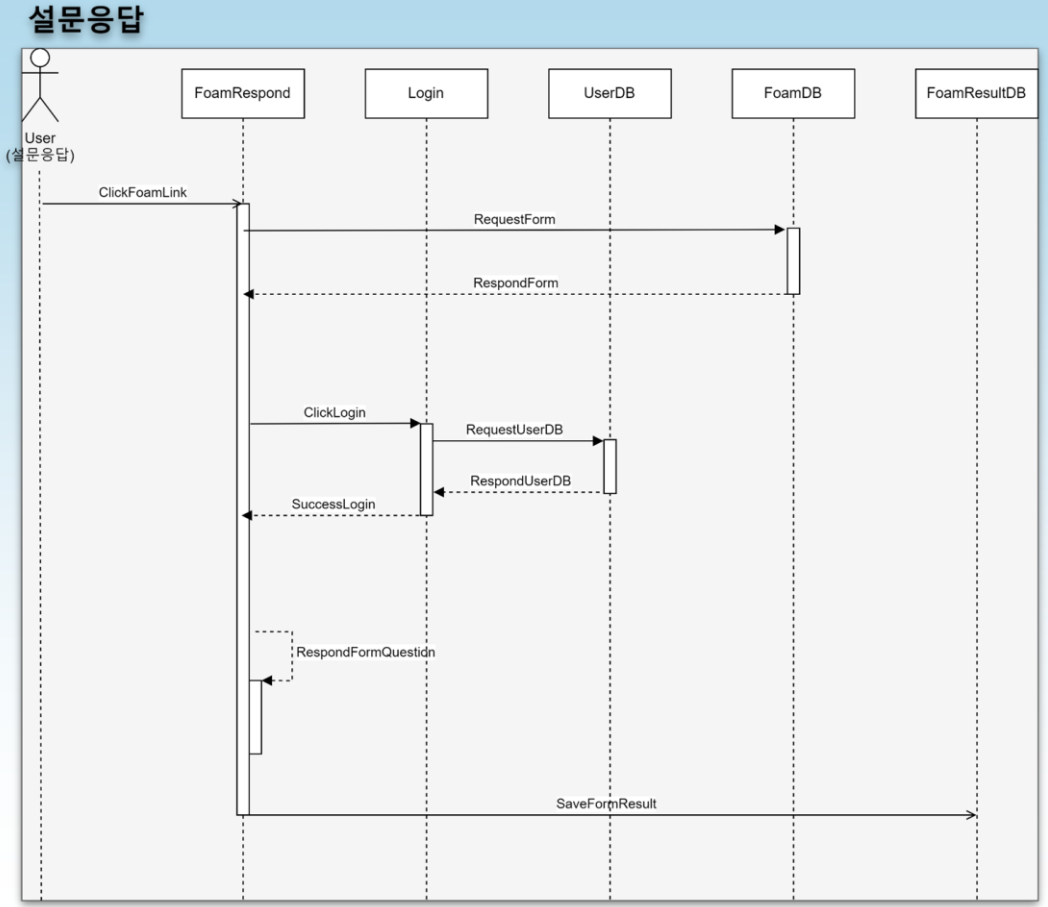
나의공간



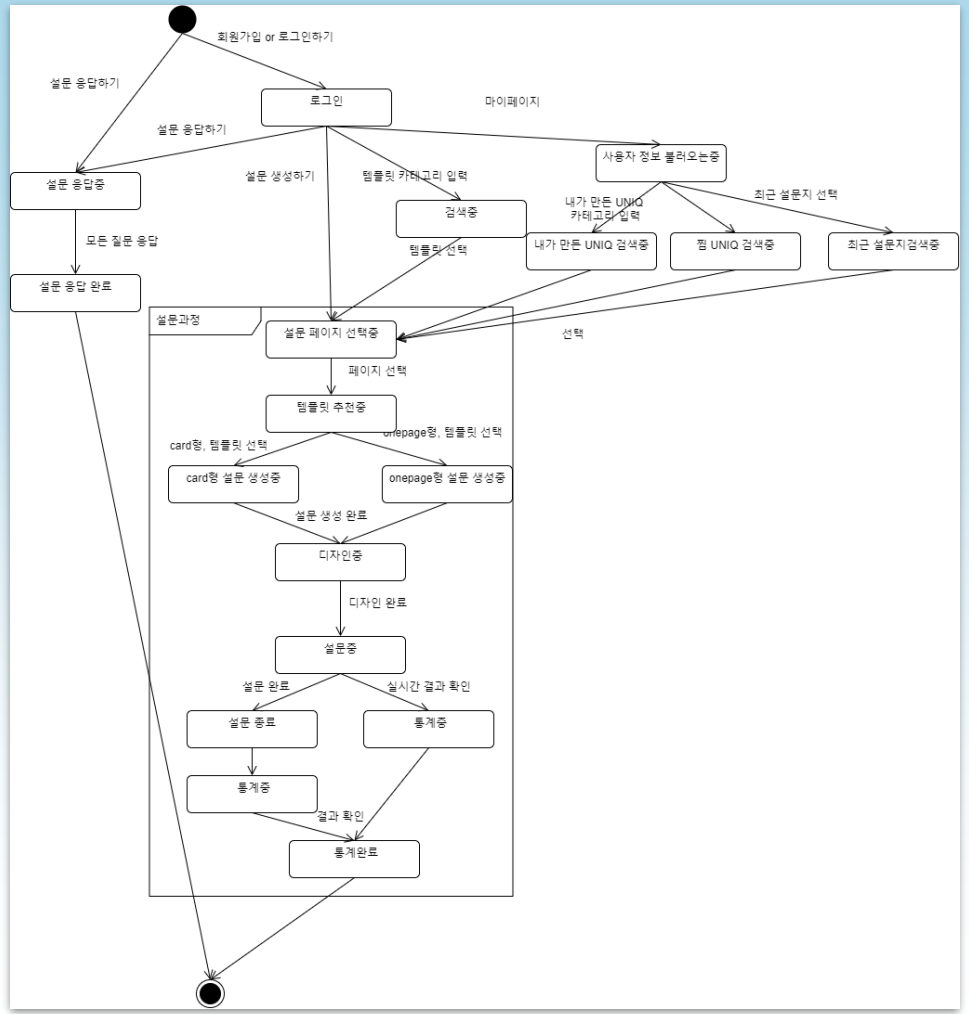
설문통계



Sequence diagram



State diagram



Conclusion

Improvements & Future plan

1. Specify the AI technology to be applied
2. Redesign components and directory structure
3. Constructing an organized dictionary of terms used in a project
4. Prioritize requirements

THANK YOU

Do you have any questions?