박근영과 누나들

TimeCodi

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조서연 박근영

CONTENT

01. Objective & Motivation

02. Project Progress

& Role of each member

03. Final Design

04. Final Implementation

05. Challenges

06. Limitation : constraint, assumption

07. Evaluations

08. Demonstration (Video)

01 OBJECTIVE & MOTIVATION

MOTIVATION

- Various time zones available for each person
- Difficult to find a common available time
- Repeat the same work
- It's annoying and a waste of time!

OBJECTIVE

- **Easily** coordinate schedules with members
- **Recommend** time zones when all members are available
- **No need to re-enter schedules** when creating other meetings

02 PROJECT PROGRESS

01
MILESTONE

Real schedule with Milestones

Schedule	5	6	7	8	9	10	11	12	13	14	15
Frontend	Design Prototype		Login & User Page	Time Zone Setting Page		Friends' Time Zone Page Group Page			Deploy & Review Other UI		
Backend	Design DB Structure		Login & Register Function	Time Zone Setting Function		Member & Friend Function		Admin & Bookmark Function	Deploy & Review Recommendation & Vote Function		

Role of each member

Front-end

김소영
- **Design:** UX/UI
- **Implement**
  - Start Page
  - Login & Register Page
  - Friends Page
  - User Profile
  - Bookmark groups

조서연
- **Design:** UX/UI
- **Implement**
  - User schedule Page
  - Group Page
  - Timetable Page
  - Generate Meeting

홍시현
- **Design API**
- **Connect React and DB**
- **Implement**
  - My Page
  - Group Page
  - Timetable Page
  - Vote Page
  - Schedule Mapping

Back-end

이현영
- **API**
  - Google map & calendar
  - KakaoTalk share (Invite func.)
- **Implement**
  - Calendar functions
  - Member functions
  - Recommendation & Vote functions

박근영
- **Design DB structure**
- **Connect React and DB**
- **Deploy**
- **Implement**
  - Login & Register functions
  - Friend functions
  - Admin & Withdraw functions

03 FINAL DESIGN

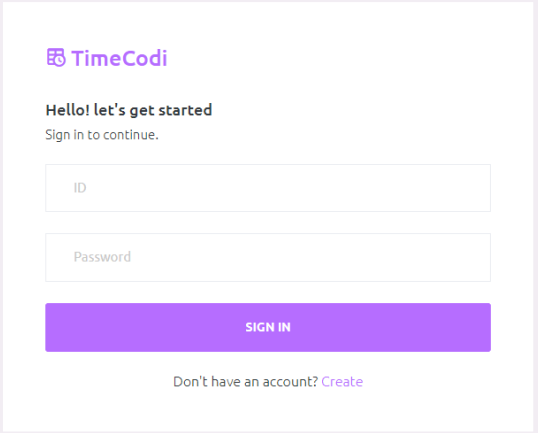
03

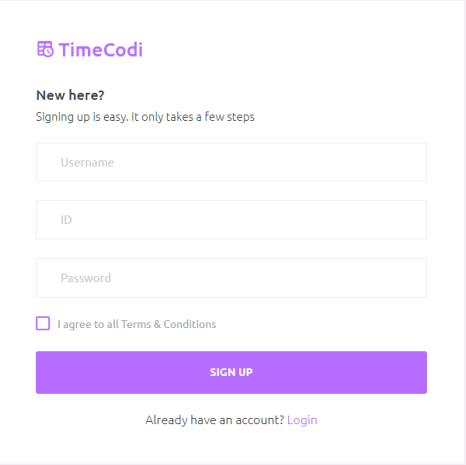
FINAL DESIGN

Start Page

시작페이지 전체들어감

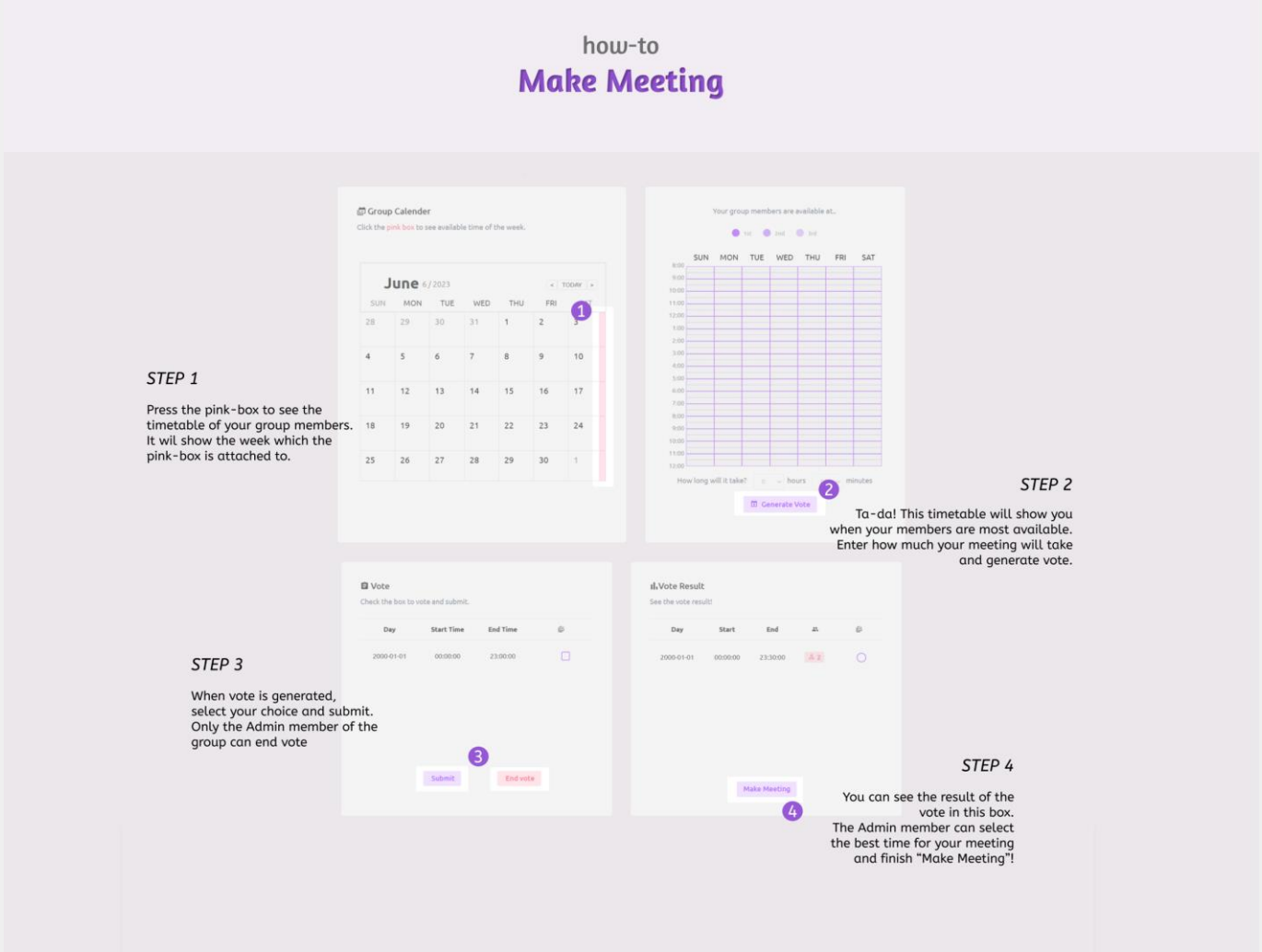
Login & Register Page





Introduce Page

- **Web Page Usage Guide**

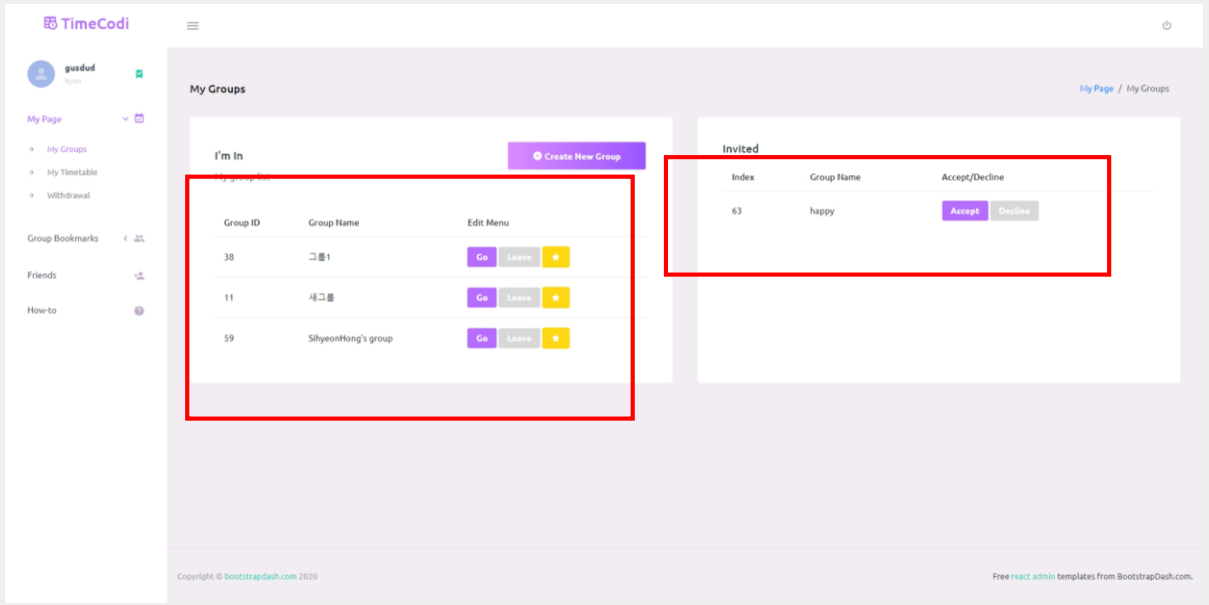


03

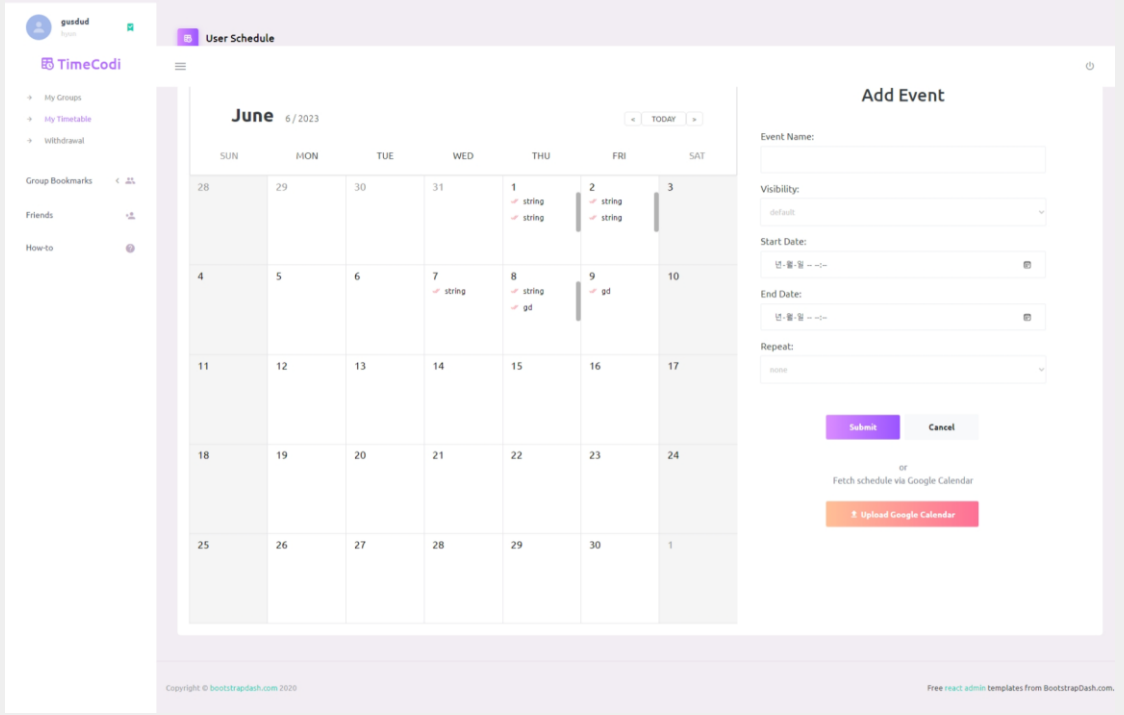
FINAL DESIGN

My Page

My Group list & invited list



Timetable

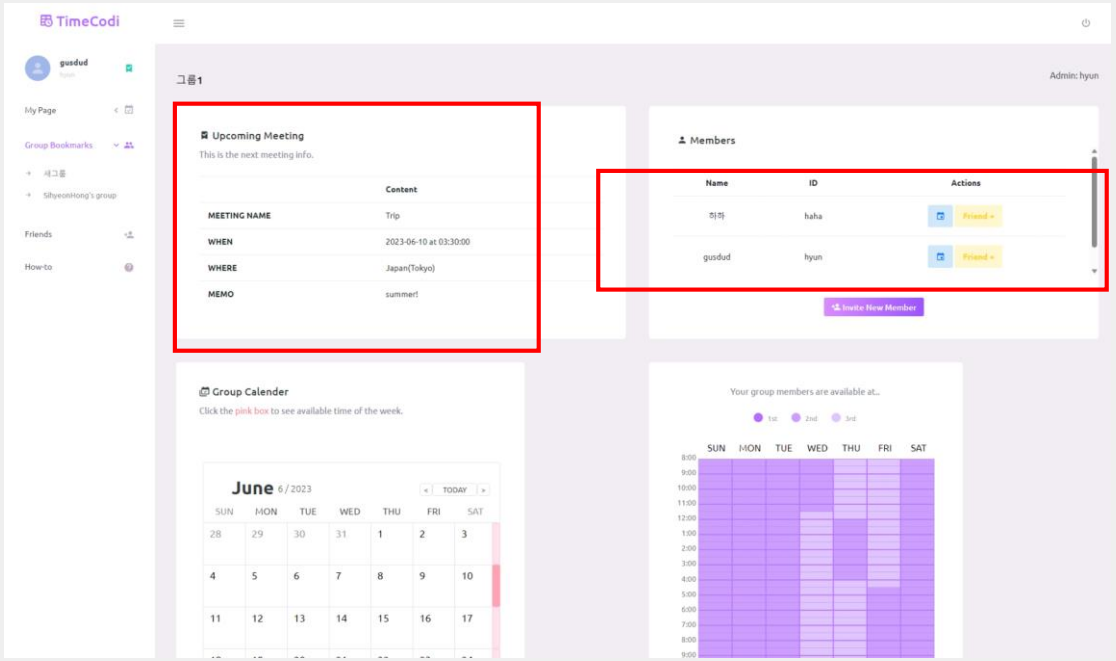


03

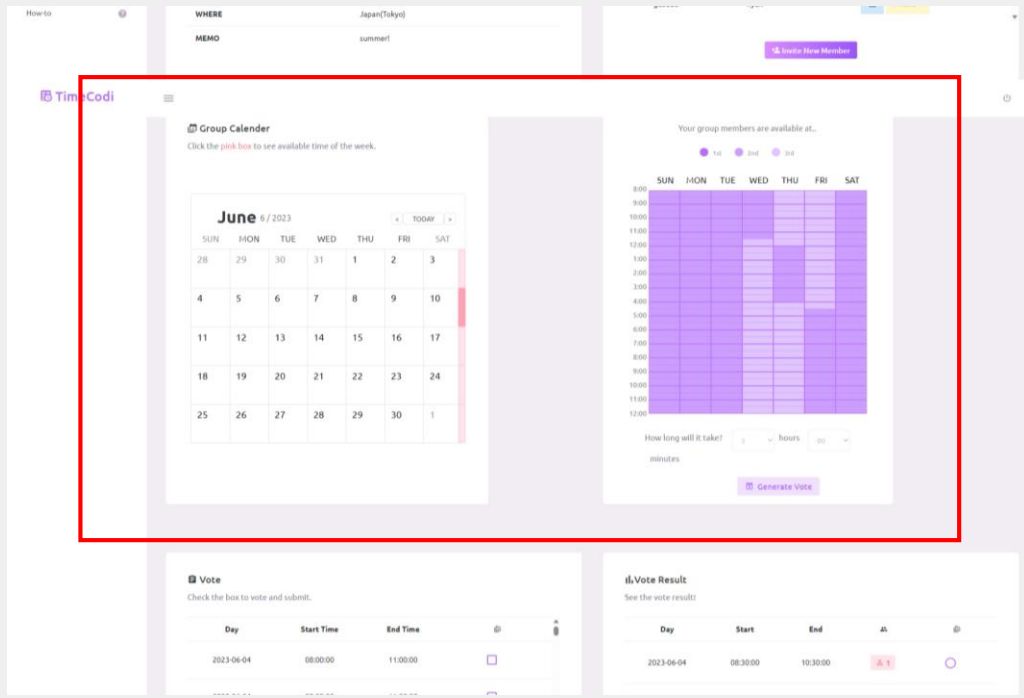
FINAL DESIGN

Group Page

Meeting info. & Group member



Group Calendar

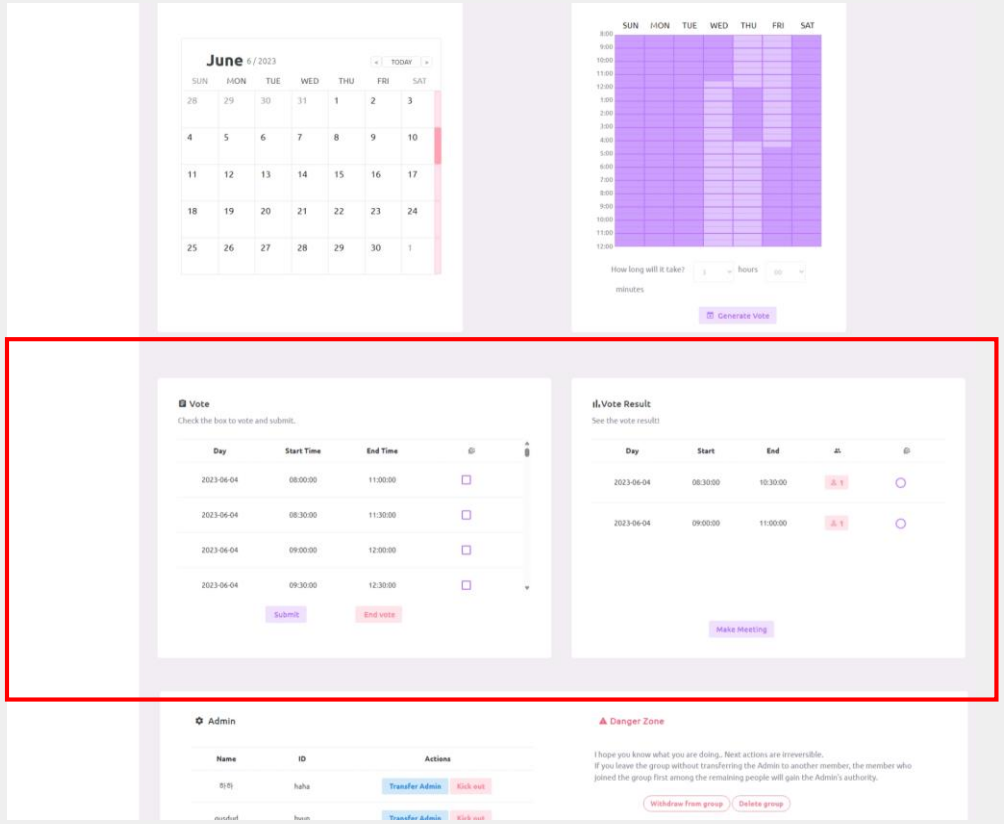


03

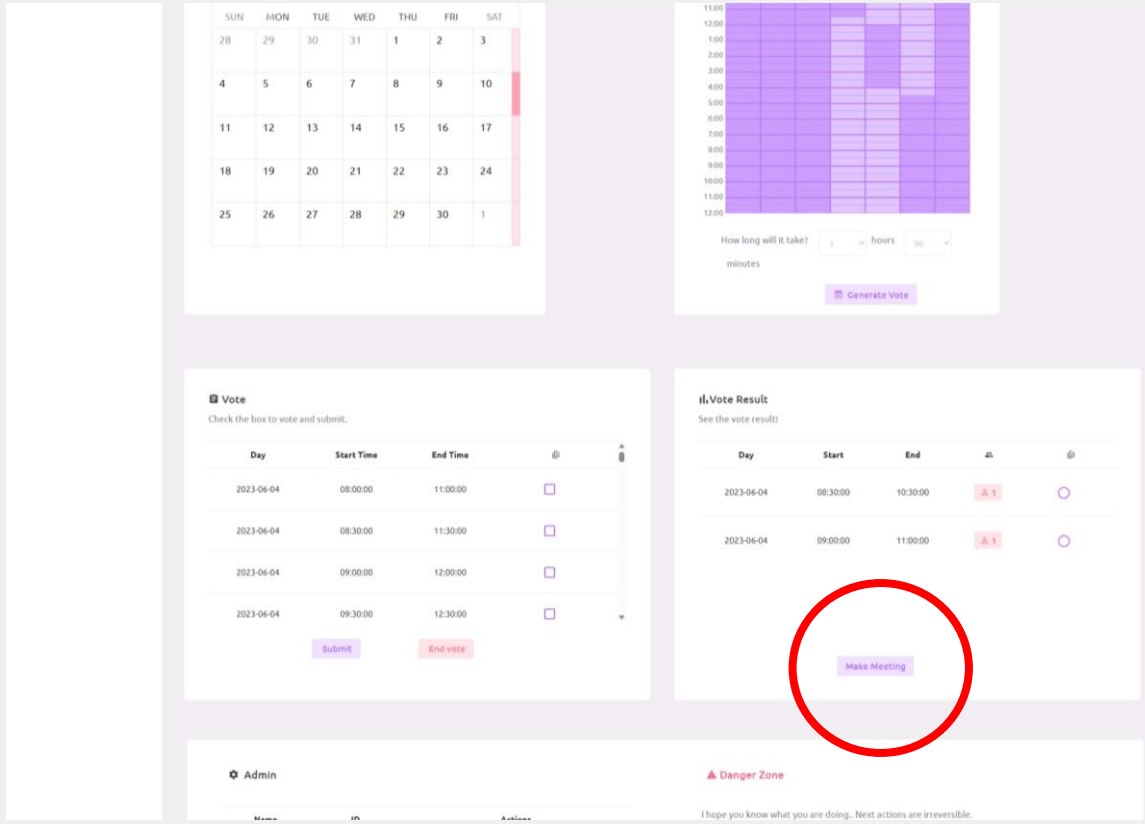
FINAL DESIGN

Group Page

Vote & Recommendation



Make New Meeting

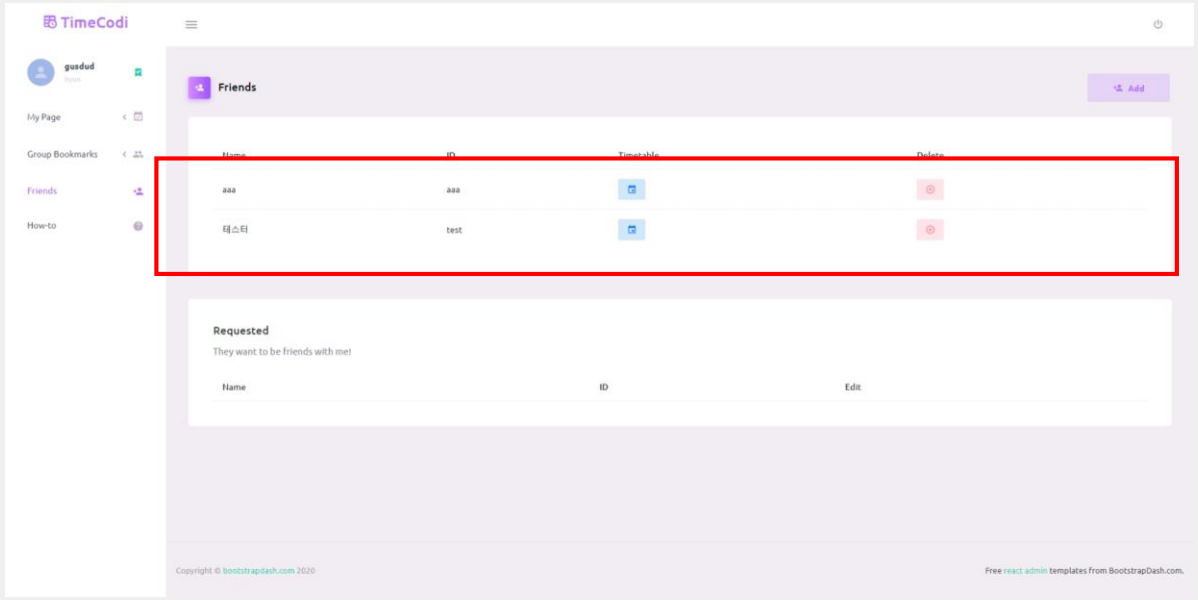


03

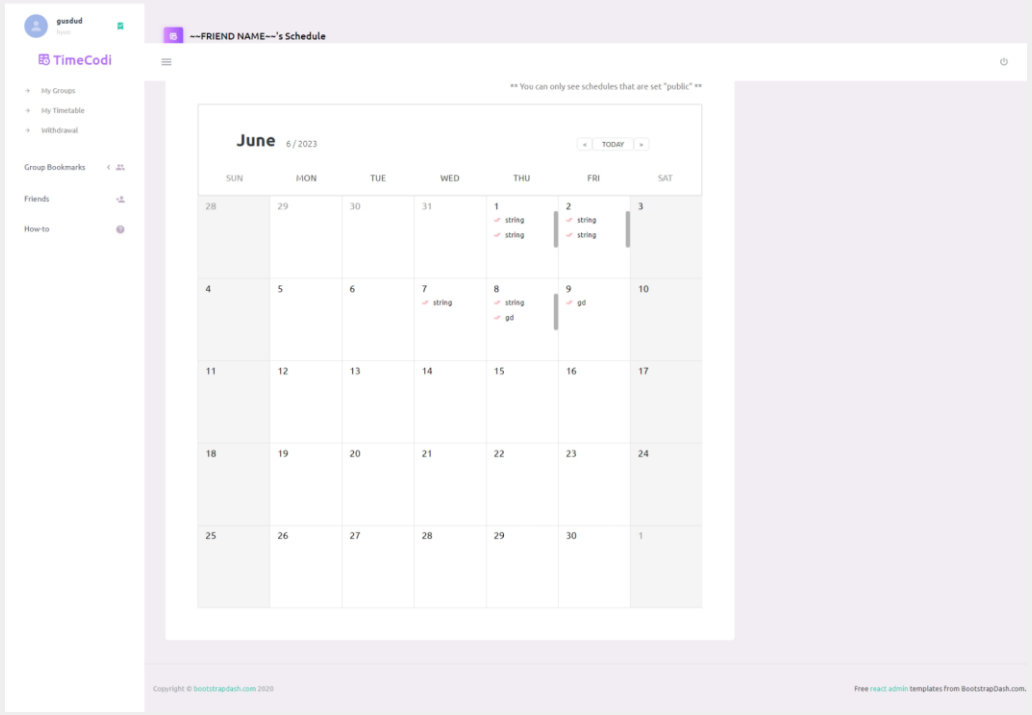
FINAL DESIGN

Friend Page

Friend list



Friend Timetable



04 FINAL IMPLEMENTATION

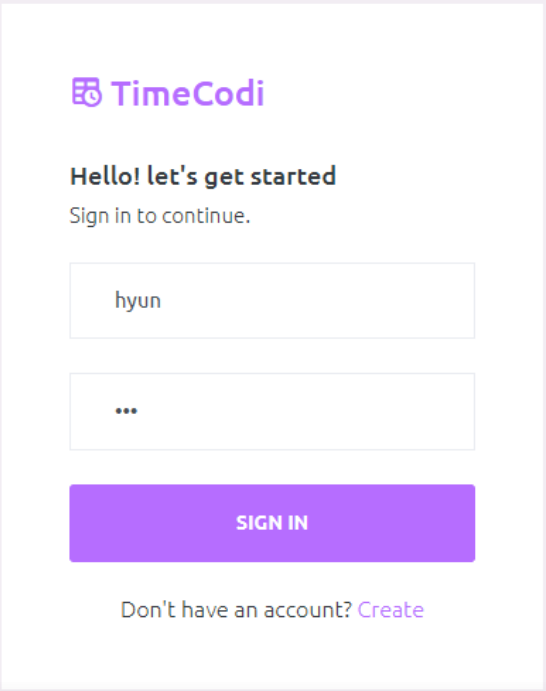
Login & Register & Withdraw

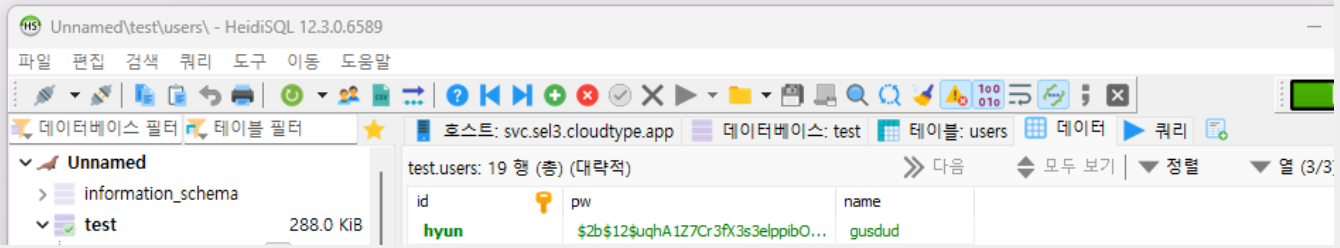
- **User Account**

  : id, password (hash), username

- **Access token**

  : 1 hour





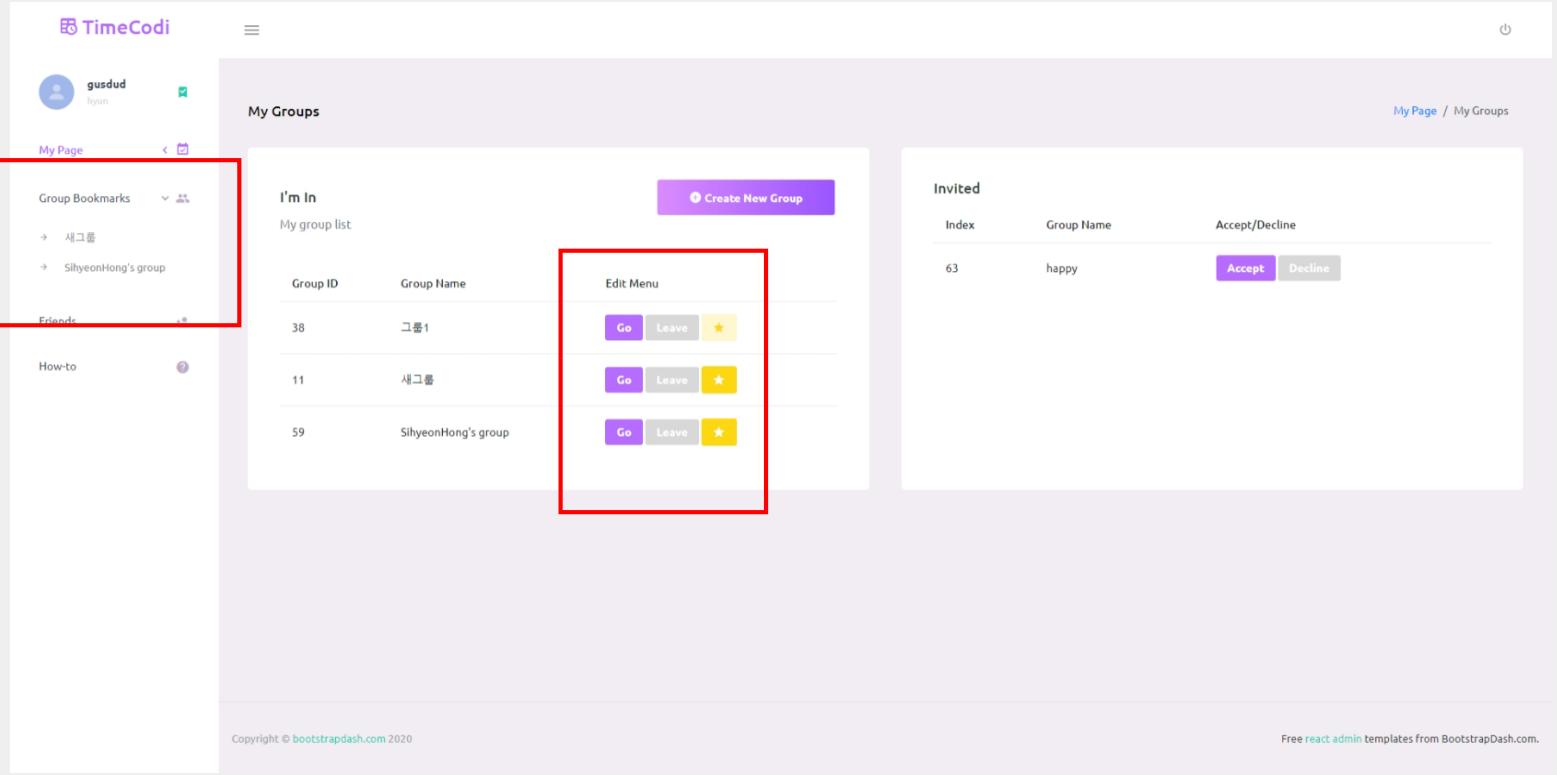
My Page

- **My Group list**

  : go to the Group Page direct

- **Bookmark Group**

  sidebar : Bookmark list



04

FINAL IMPLEMENTATION

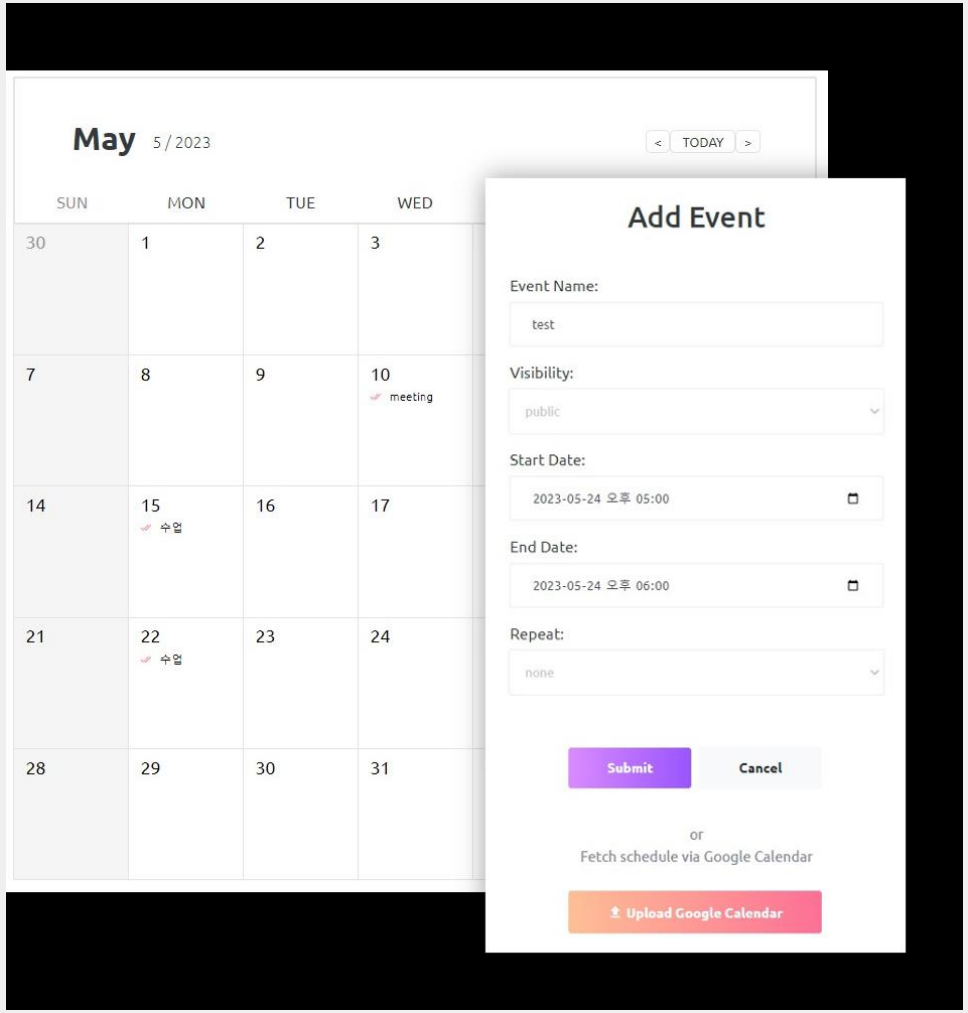
My Page

- **User Timetable**

  Event ADD/UPDATE/DELETE

  Repeat Event

  Upload Google Calendar



Group Page

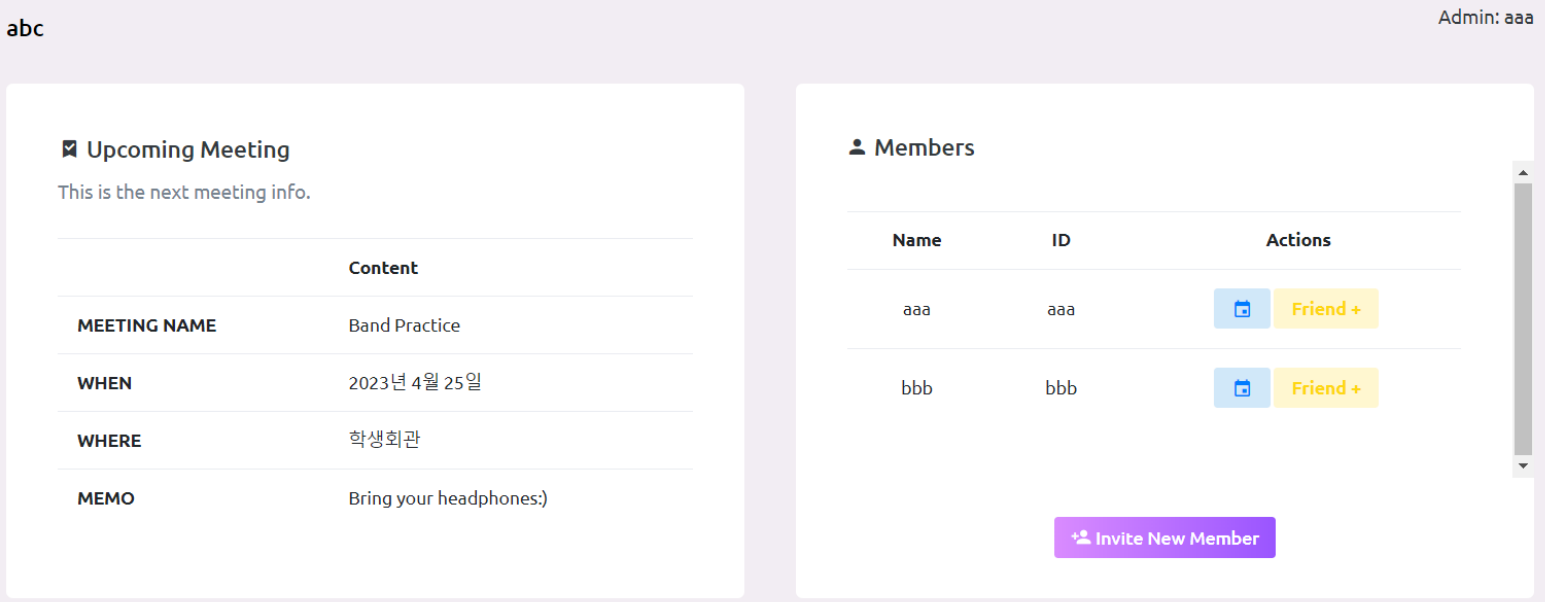
- **Upcoming Meeting Info.**

- **Group Members**

  Check members' timetable

  Request a friend to a member

  Invite New Member (only admin)



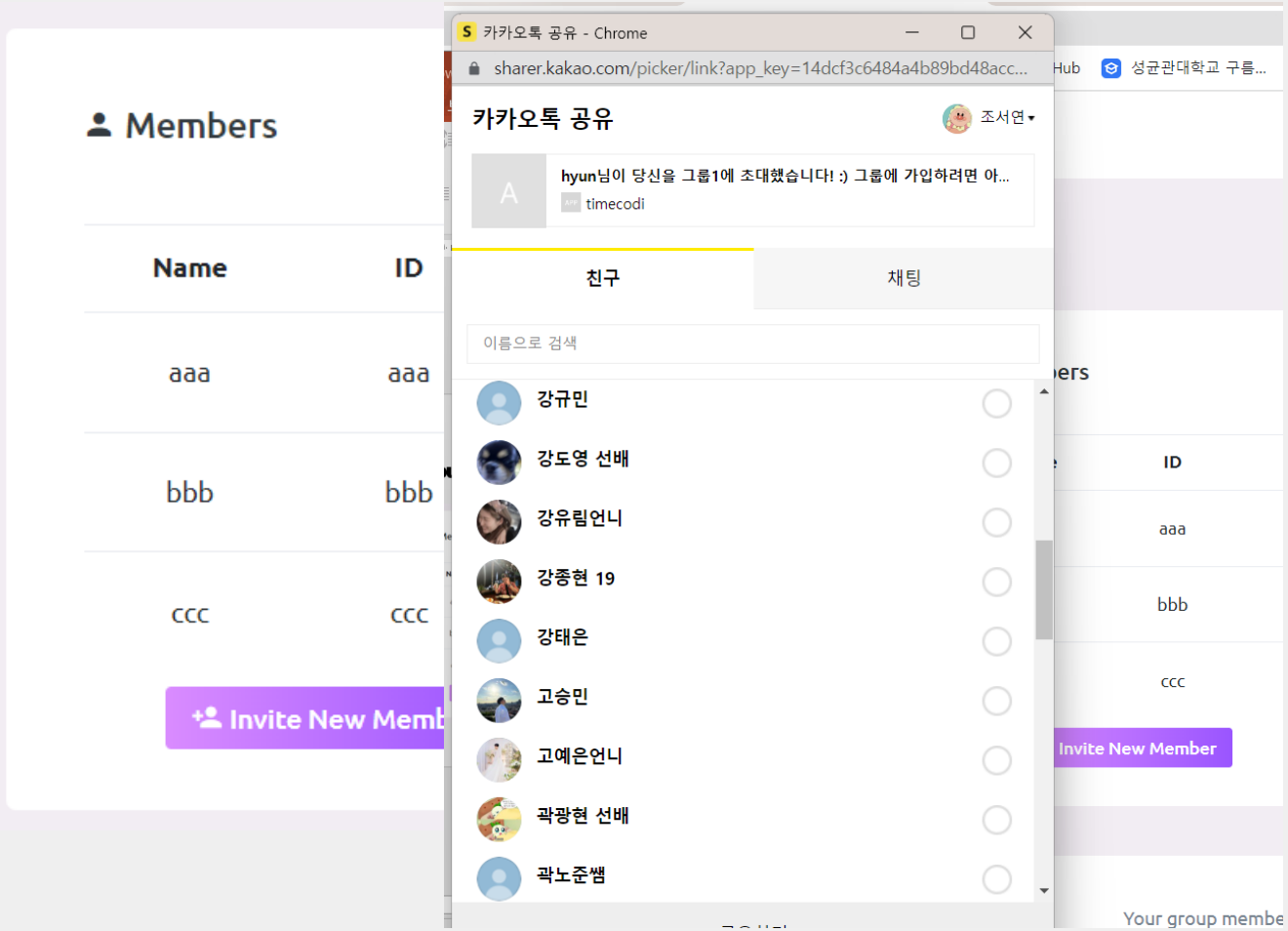
Invite New Member through KakaoTalk Message

- **Send Invitation message**

  : the info. of the invited group

- **Click the link button**

  : add the group to the invitation list



04

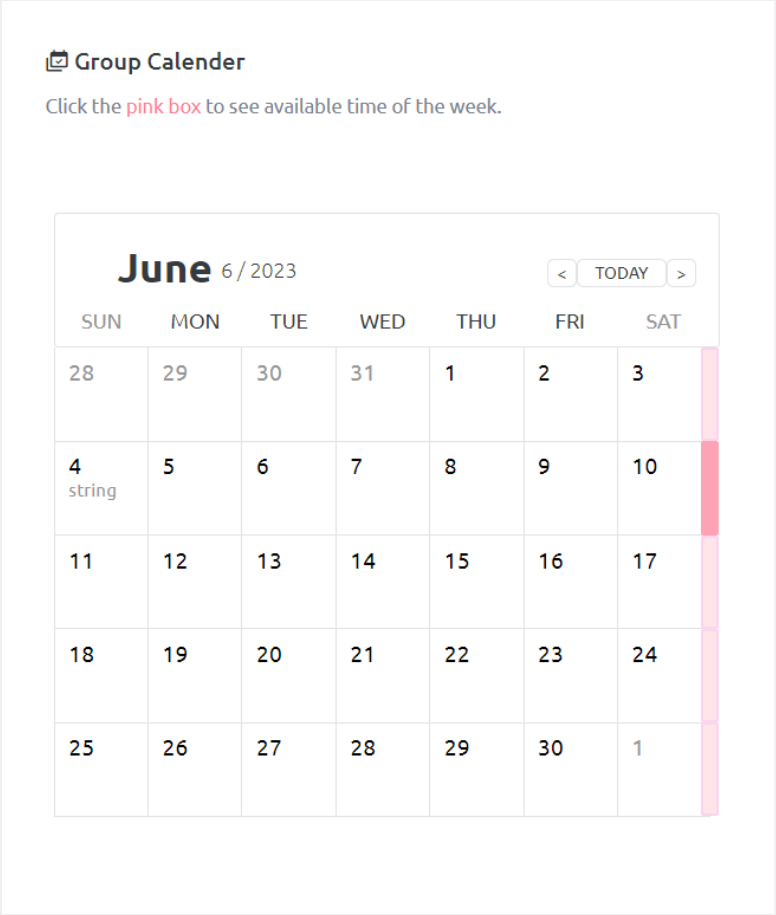
FINAL IMPLEMENTATION

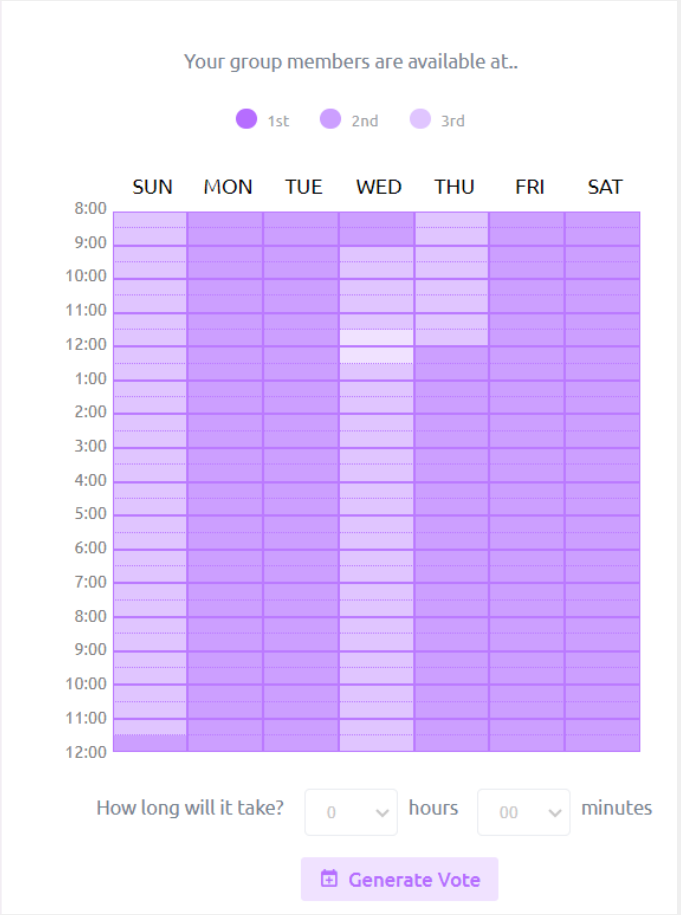
Group Timetable & Generate Vote

Easy to see what time the group members are available in a week.

- **Generate Vote**

  Input: take time





Recommendation & Vote Time

- **Recommendation & Vote**

  : The member votes

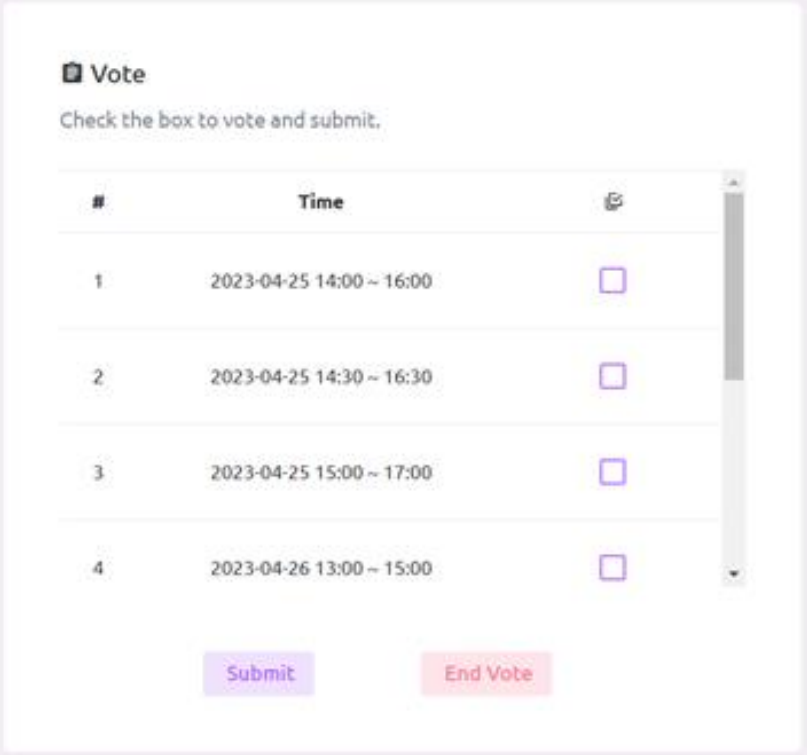
  for the time they want

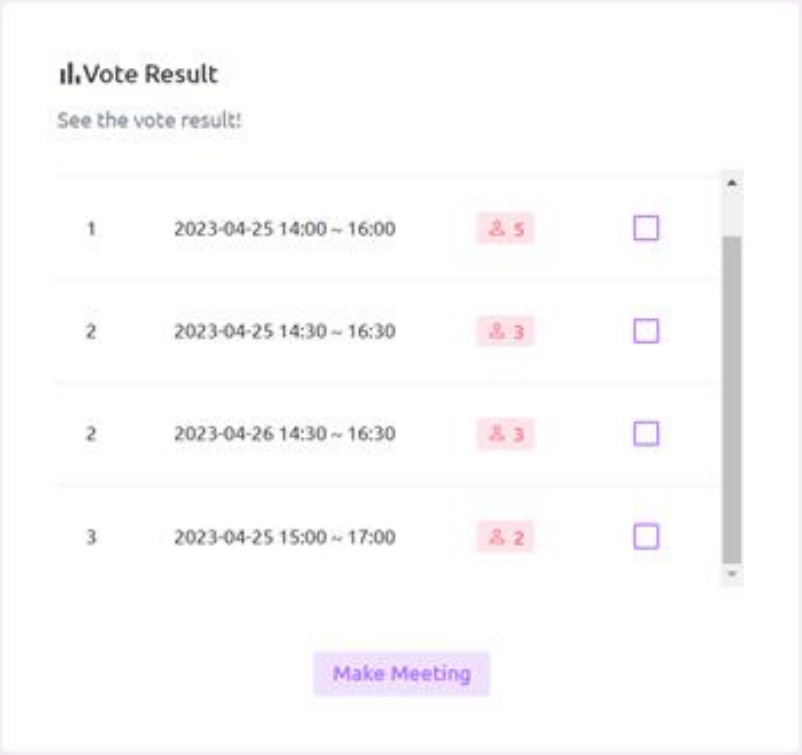
- **Make Meeting**

  : The admin confirms

  the meeting time

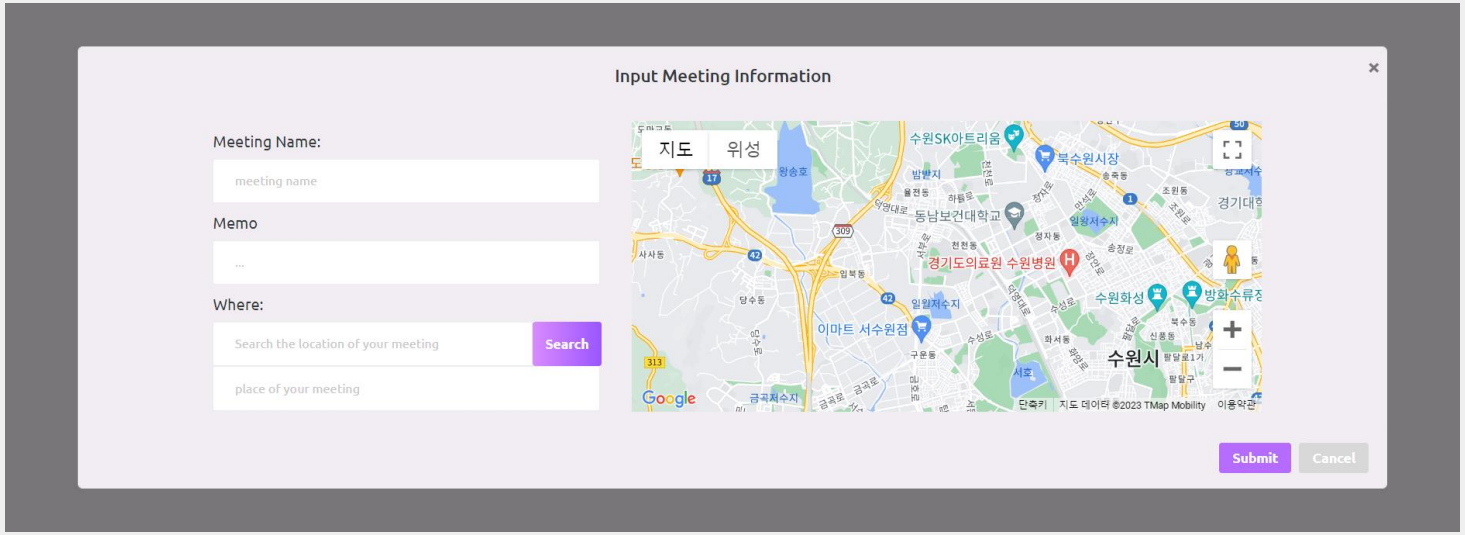
  based on voting result





Make Meeting

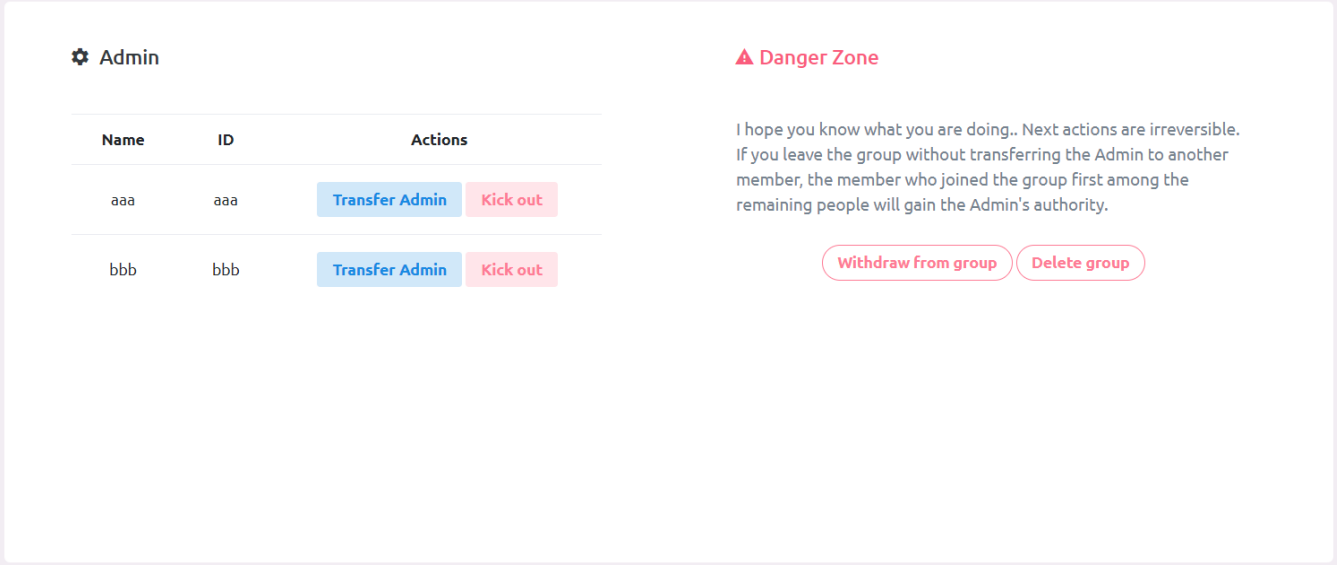
- **Meeting Information**
  - **Meeting Name**
  - **Memo**
  - **Location (Search through Google Map)**
  - **Time (Voting time confirmed by admin)**



One group can create multiple meeting!

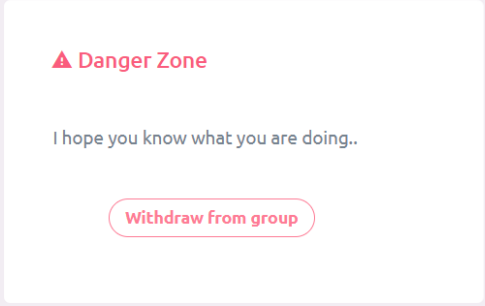
Group Admin

- **Transfer Admin**
  : delegate
- **Kick out Member**
- **Delete Group**



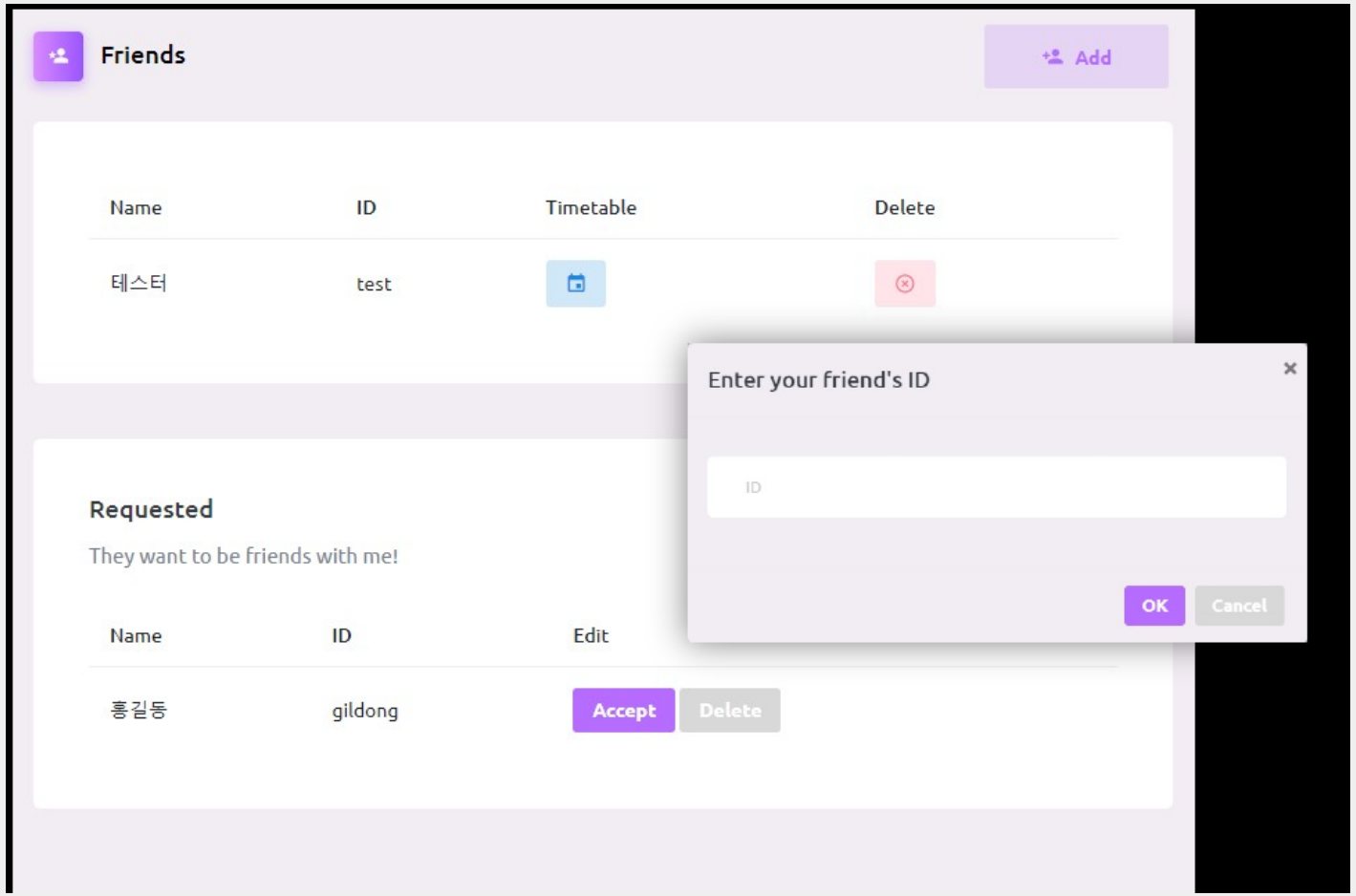
VS

Non-admin member
: only withdraw from group



Friend Page

- Friend Request (Enter user ID)
- Request Accept/Delete
- Check Friend Timetable



05 CHALLENGES

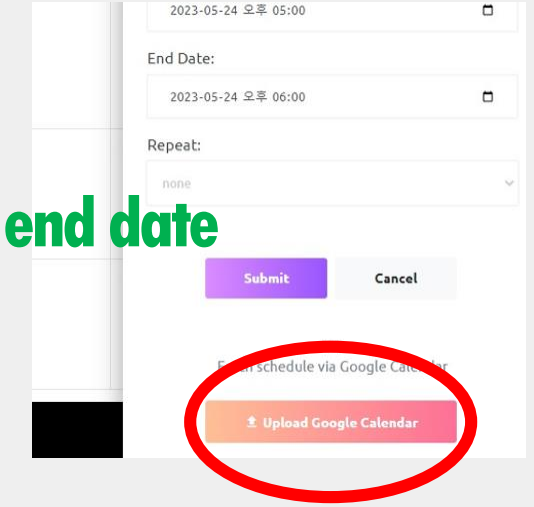
Challenges

Save all event information in your Google account in a database at once.

Therefore, having too much event results in server errors.

Trial: When generating repetitive events, you tried to set an end date

so that we could bring up not too many events.



06 LIMITATION

Limitation

- **Constraint**

When mapping the available time zone in our project,

we set the time unit to 30 minutes.

So, it was impossible to recommend a more accurate meeting time.

Limitation

- **Assumption**

If we had mapped with a smaller unit of time, like 10 minutes,

we could have recommended a more efficient and accurate meeting time!

07 EVALUATIONS

Evaluation

- We have implemented all the functions that we had planned in the beginning.
- In addition, group bookmarks, admin func. and withdraw were implemented.

- However, it is regrettable that the Usability Testing was not conducted only our team members due to the long development time, so various feedback was not received.

Evaluation

- Nevertheless, the functions of our web page implemented are expected to be very useful in real life ! ☺

08 DEMONSTRATION

Demo Video