박근영과 누나들

TimeCodi

홍시현   김소영   이현영

조서연   박근영

CONTENT

01. Progress Overview

02. Front-End

03. Back-End

04. Challenge

05. Next Week

01 OVERVIEW

WEEKLY PROGRESS

| 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		Other UI		Deploy & Review	
Backend	Design DB Structure		Login & Register Function	Time Zone Setting Function	Invite & Notification Function		Recommendation & Vote Function		Deploy & Review		

02

FRONT-END

FRONT-END

- **Recreate the 'Start Page'**

- **Implement : 'My Groups Page'**

  'My Timetable Page'

  'Group Page'

  'Friends Page'

Recreate the 'Start Page'
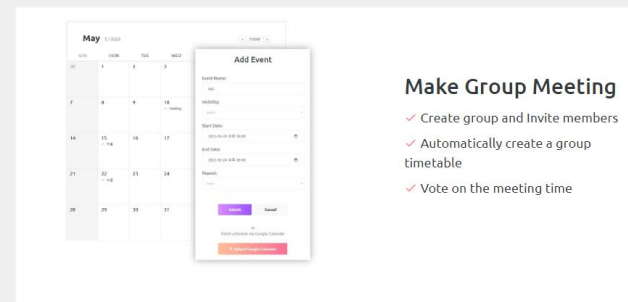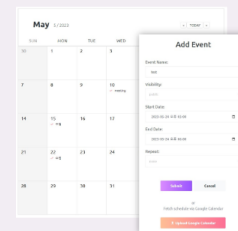
Design before modification

Hello!
Welcome to TimeCodi.

Login   Register
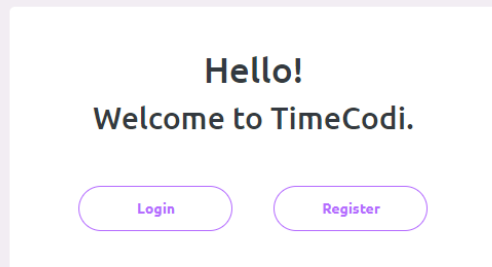
Design after modification
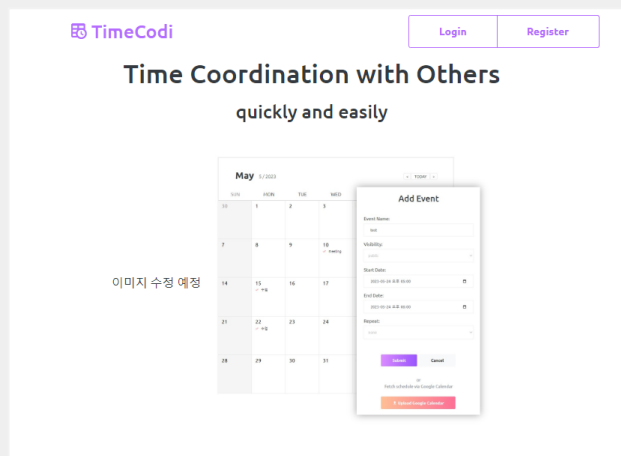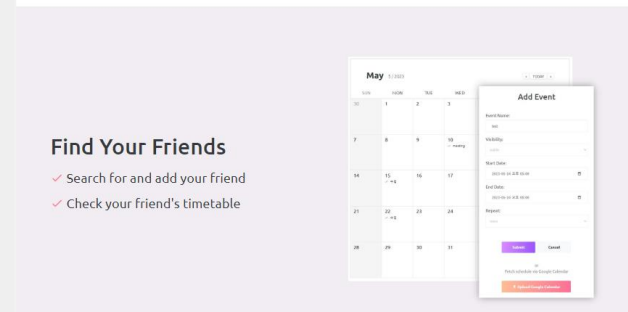
My Groups Page

- **Connect frontend and backend**
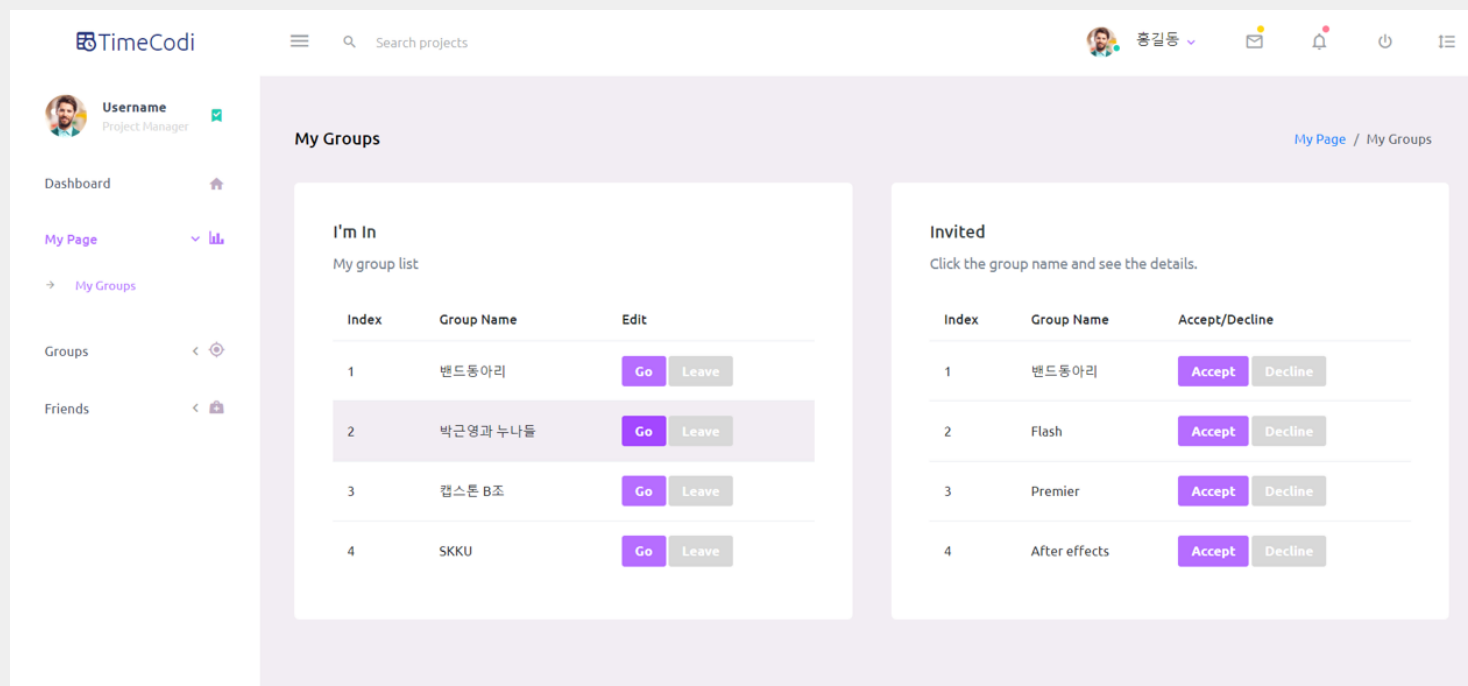
My Timetable Page

- **GET event**

- **Connect the button**

  : Sync with Google Calendar

FRONT-END

Group Page

- **Upcoming Meeting info.**

- **List of Group members**

- **'Invite New Member' button**

  : only available for admin user of group

Group 1 Admin

☑ Upcoming Meeting

This is the next meeting info.

	Content
TITLE	Band Practice
WHEN	2023년 4월 25일
WHERE	학생회관
MEMO	Bring your headphones:)

👤 Members

David Grey	TimeTable	Add friend
Stella Johnson	TimeTable	Add friend
Marina Michel	TimeTable	Add friend
John Doe	TimeTable	Add friend

👤 Invite New Member
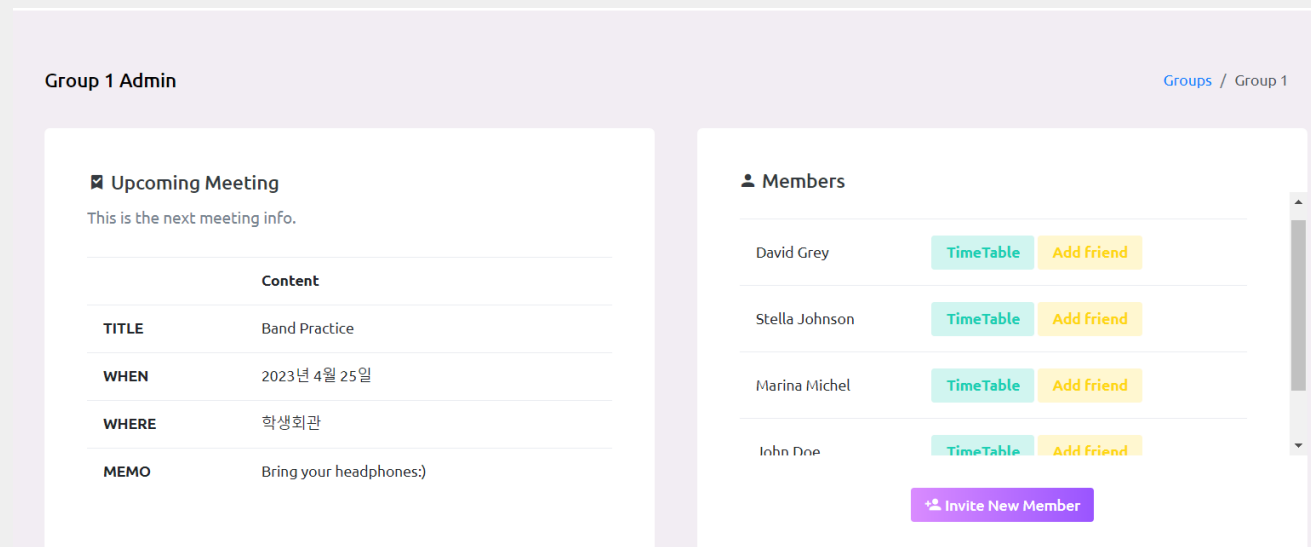
Group Page

- ## Group Calendar

- ## Timetable

- ## 'Generate Vote' button
  ## : Enter meeting hours

📅 Group Calender

Click the pink box to see available time of the week.

May 5 / 2023   < TODAY >

SUN	MON	TUE	WED	THU	FRI	SAT
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

Your group members are available at..

● 1st   ● 2nd   ● 3rd

How long will it take?   0   hours   00   minutes

📅 Generate Vote

Group Page

- **Vote**

  - **'Submit' button**

  - **'End Vote'**

    : only available for admin

- **Vote Result**

  - **'Make Meeting'**

    : only available for admin

Friends Page

- **Only admin user see this func. Box**

- **Admin functions**
  - **Transferring admin authority**
  - **Kick out member**
  - **Withdraw form group**
  - **Delete Group**

⚙ **Admin**

David Grey	Transfer Admin	Kick out
David Grey	Transfer Admin	Kick out
David Grey	Transfer Admin	Kick out
Stella Johnson	Transfer Admin	Kick out
Stella Johnson	Transfer Admin	Kick out
Stella Johnson	Transfer Admin	Kick out

⚠ **Danger Zone**

I hope you know what you are doing.. Next actions are irreversible. If you leave the group without transferring the Admin to another member, the member who joined the group first among the remaining people will gain the Admin's authority.

Withdraw from group   Delete group

03 BACK-END

BACK-END

- **Addition of Group Admin User**

- **Implement : 'Friend Page' function (Friend request Accept/Delete)**

  'Group Page' function (GET weekly group calendar,

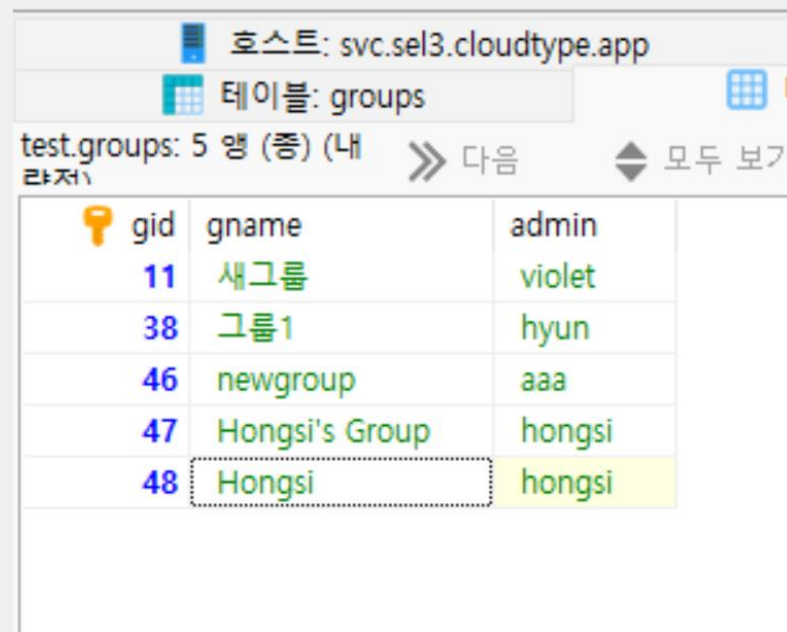 **Extract available timetable)**

  Group member function

  (Leave group, Invited member, Reject invitation)

  'KakaoTalk Invited' function

Addition of Admin User

- **Modify to have an admin account for each group**

- **Default**

  : the account that creates the group becomes the admin

  (The delegation function is planned for implementation)

Friends Page (Friend request)

- **Add 'Friend requests' table to the DB**
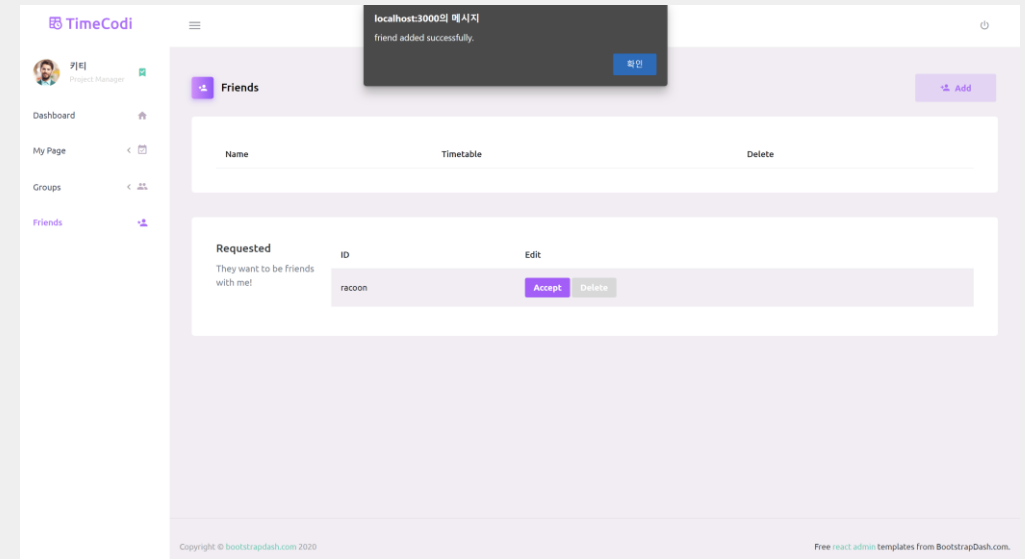
- **Add data to the table when sending a friend request**
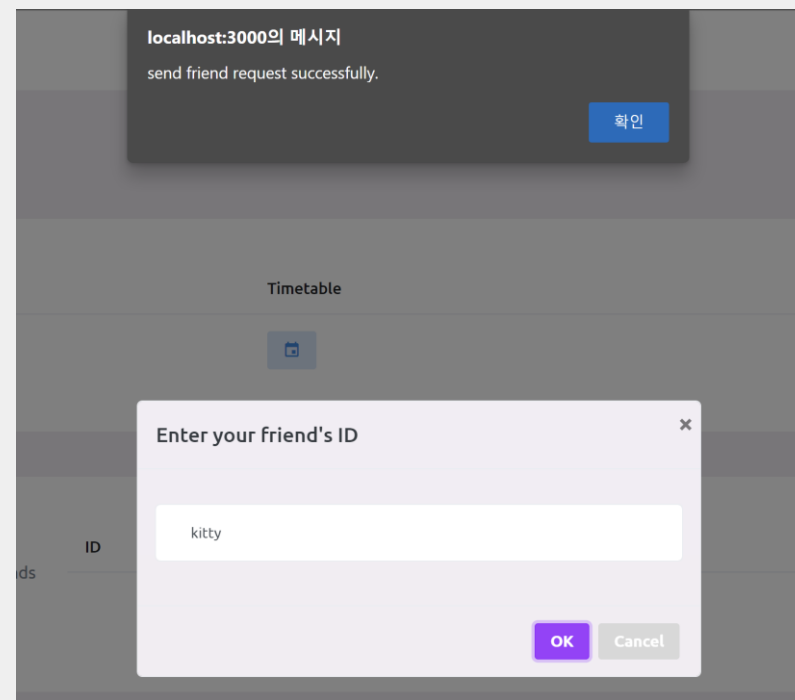
Database

Friends Page (Accept / Delete)

- **'Accept' button : establish a friendship**

- **'Delete' button : remove the friend request**

Database

Group Page

• **Extract available timetable**

Input : the schedule list & the number of members

Output: the number of members available

             for each time

```
print_available_table(data_to_table(date_to_halfhour(sample_evt_list), 5))
```

|	Sun	Mon	Tue	Wed	Thu	Fri	Sat
08:00	5	5	5	5	5	5	5
08:30	5	5	5	5	5	5	5
09:00	5	5	5	4	5	5	5
09:30	5	5	5	4	5	5	5
10:00	5	5	5	4	5	5	5
10:30	5	5	5	4	5	5	5
11:00	5	5	5	4	5	5	5
11:30	5	5	5	4	5	5	5
12:00	5	3	4	4	5	5	5
12:30	5	3	4	4	5	5	5
13:00	5	3	4	4	5	5	5
13:30	5	3	4	5	5	5	5
14:00	5	3	4	5	5	5	5
14:30	5	3	4	5	5	5	5
15:00	5	4	3	5	5	4	5
15:30	5	4	3	5	5	4	5
16:00	5	4	3	5	5	4	5
16:30	5	4	4	5	4	4	5
17:00	5	4	4	5	4	4	5
17:30	5	4	4	5	4	4	5
18:00	5	4	4	5	5	4	5
18:30	5	5	5	5	5	4	5
19:00	5	5	5	5	5	4	5
19:30	5	5	5	5	5	4	5
20:00	5	5	5	5	5	4	5

Group member function

Post: /invited (Invite member)
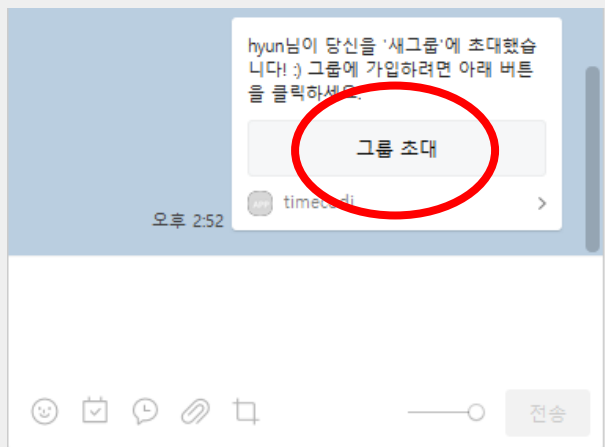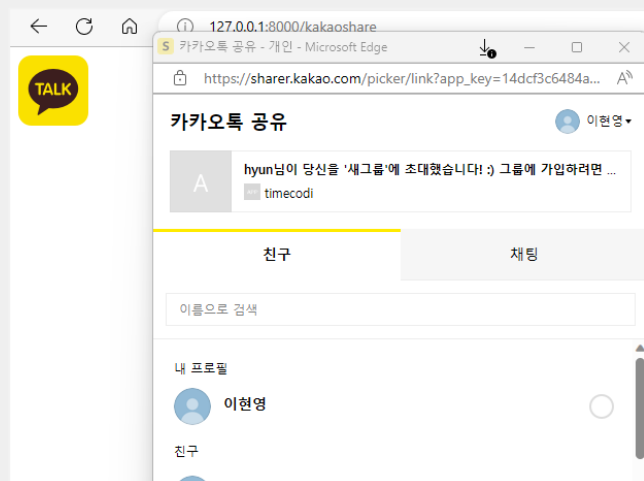**Delete: /invited (Reject invitation)**
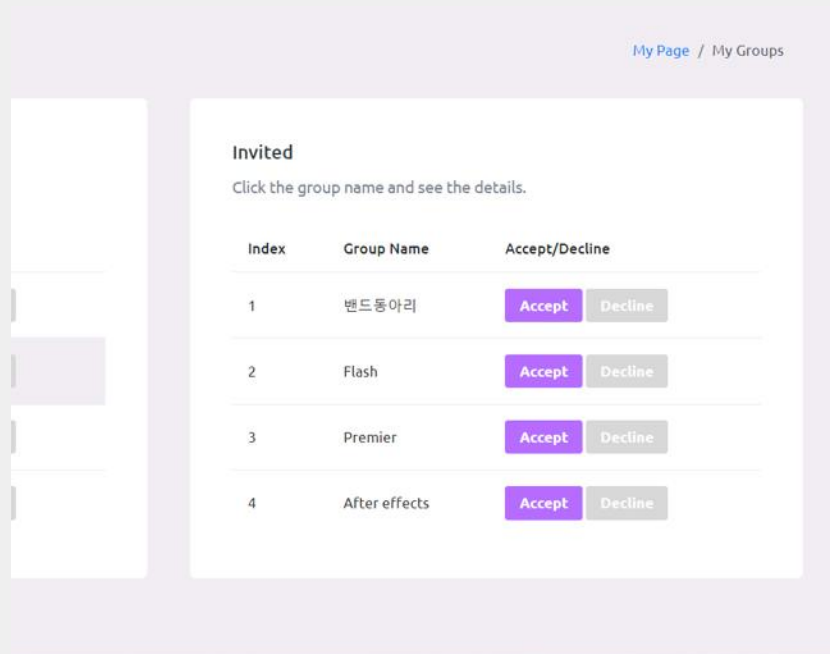
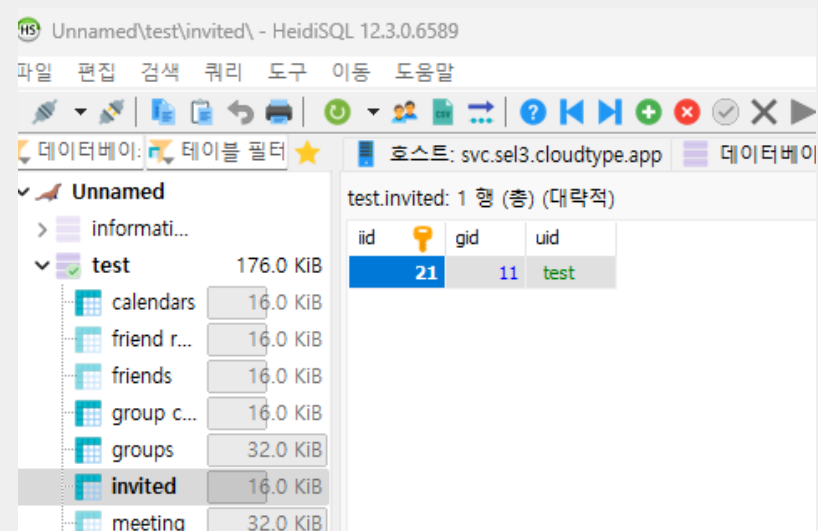**Post: /member (Accept invitation)**
Delete: /member (Leave group)
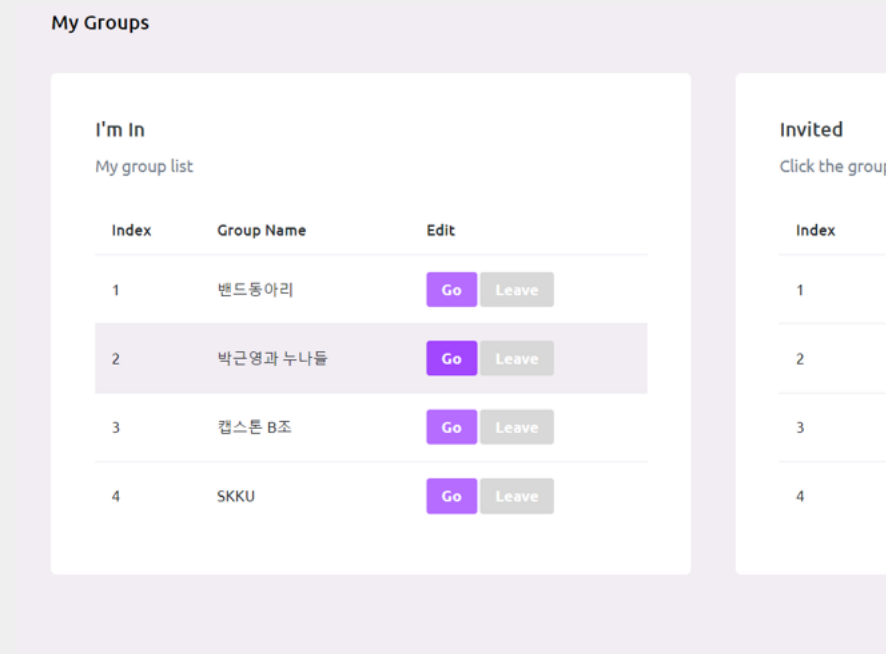
KakaoTalk group Invitation message

KakaoTalk message

Result

04 CHALLENGES

Challenge

- **GET event on My-Timetable Page**
  : Slower performance issue when getting events date by date

Solution

- **Solution**

  : Get all events at once and map them {date: evtList}

  on the *frontend*

05 NEXT WEEK

05
NEXT WEEK

WEEKLY PROGRESS

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NEXT WEEK

Frontend	• **Bookmarks group** • **Deploy & Review**
Backend	• **Group admin delegation function** • **Vote function** • **Deploy & Review**