

박근영과 누나들

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# TimeCodi

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홍시현

김소영

이현영

조서연

박근영



**01. Progress Overview**

**02. Front-End**

**03. Back-End**

**04. Challenge**

**05. Next Week**



# **01**

## **OVERVIEW**

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# WEEKLY PROGRESS

Schedule	5	6	7	8	9	10	11	12	13	14	15
Frontend	<div></div> <div>Design Prototype</div>		<div></div> <div>Login &amp; User Page</div>	<div></div> <div>Time Zone Setting Page</div>		<div></div> <div>Friends' Time Zone Page</div>		<div></div> <div>Other UI</div>	<div></div> <div>Deploy &amp; Review</div>		
Backend	<div></div> <div>Design DB Structure</div>		<div></div> <div>Login &amp; Register Function</div>	<div></div> <div>Time Zone Setting Function</div>	<div></div> <div>Invite &amp; Notification Function</div>		<div></div> <div>Recommendation &amp; Vote Function</div>	<div></div> <div>Deploy &amp; Review</div>			

# **02**

## **FRONT-END**

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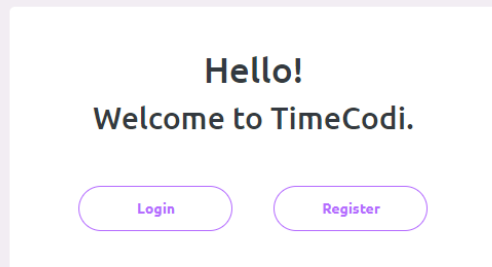
## FRONT-END

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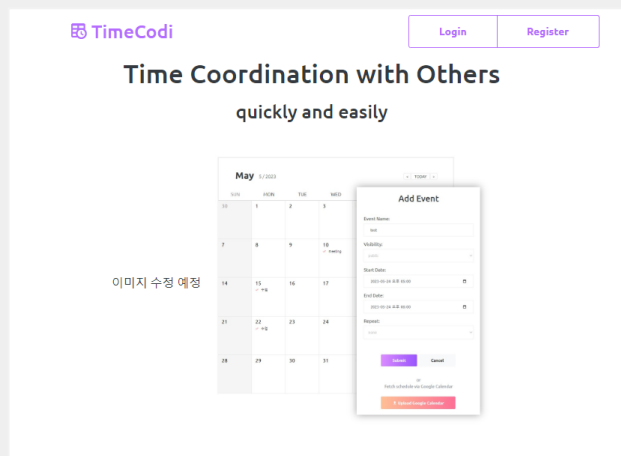
- **Recreate the 'Start Page'**
  - **Implement : 'My Groups Page'**
    - 'My Timetable Page'**
    - 'Group Page'**
    - 'Friends Page'**
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# Recreate the 'Start Page'

Design before  
modification

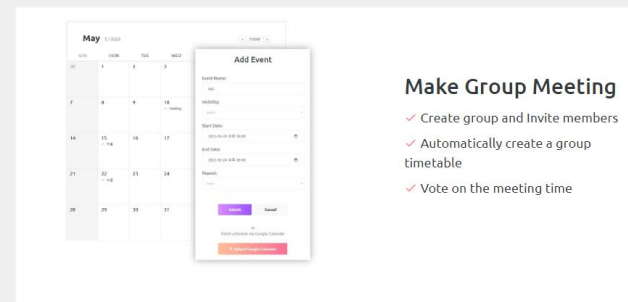
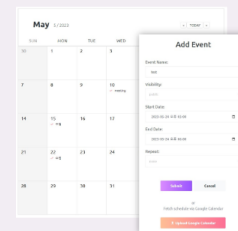


Design after modification



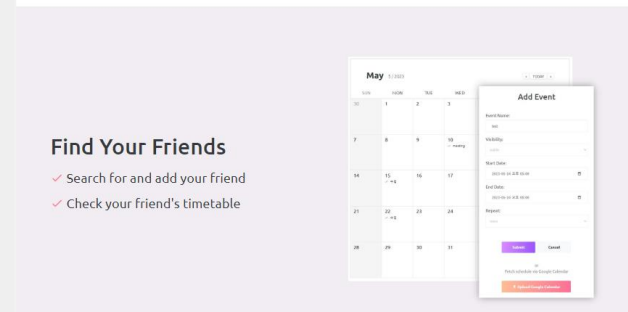
## Set Personal Timetable

- ✓ Works with Google Calendar
- ✓ Add schedule to timetable



## Make Group Meeting

- ✓ Create group and Invite members
- ✓ Automatically create a group timetable
- ✓ Vote on the meeting time

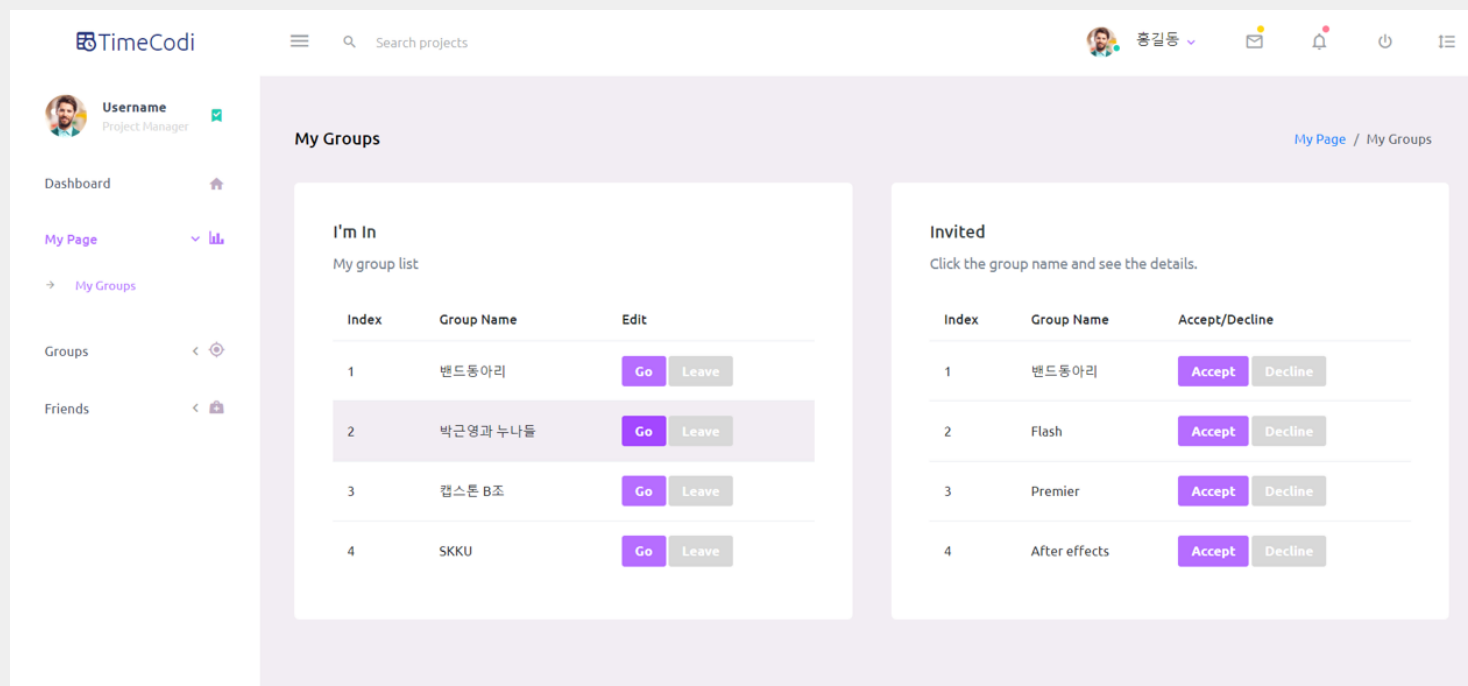


## Find Your Friends

- ✓ Search for and add your friend
- ✓ Check your friend's timetable

# My Groups Page


- **Connect frontend and backend**





# My Timetable Page

- **GET event**
- **Connect the button**  
**: Sync with Google Calendar**

 User Schedule

April 4 / 2023

< TODAY >

SUN	MON	TUE	WED	THU	FRI	SAT
26	27	28	29	30	31	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

Add Event

Event Name:

Visibility:

Start Date:

End Date:

Repeat:

Repeat End Date:

Submit

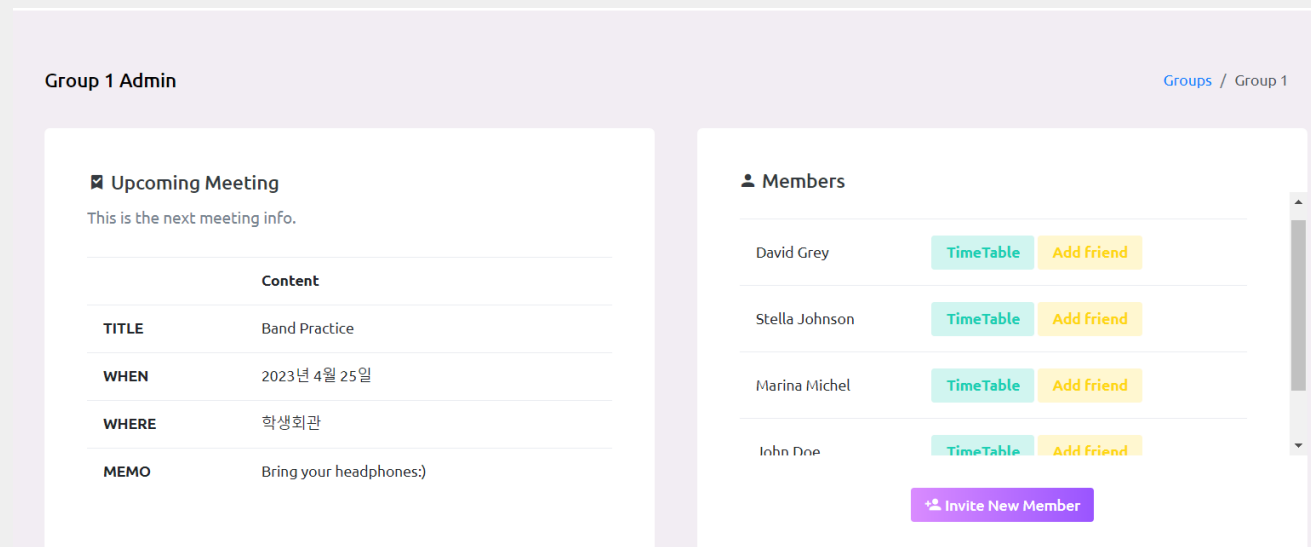
Cancel

or  
Fetch schedule via Google Calendar

\* Upload Google Calendar


## Group Page

- **Upcoming Meeting info.**
- **List of Group members**
- **‘Invite New Member’ button**  
**: only available for admin user of group**



# Group Page

- **Group Calendar**
- **Timetable**
- **‘Generate Vote’ button**  
**: Enter meeting hours**


**Group Calendar**

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

	SUN	MON	TUE	WED	THU	FRI	SAT
8:00							
9:00							
10:00							
11:00							
12:00							
1:00							
2:00							
3:00							
4:00							
5:00							
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							
12:00							
1:00							
2:00							

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**

Vote

Check the box to vote and submit.

#	Time	
1	2023-04-25 14:00 ~ 16:00	<input type="checkbox"/>
2	2023-04-25 14:30 ~ 16:30	<input type="checkbox"/>
3	2023-04-25 15:00 ~ 17:00	<input type="checkbox"/>
4	2023-04-26 13:00 ~ 15:00	<input type="checkbox"/>

Submit

End Vote

Vote Result

See the vote result!

1	2023-04-25 14:00 ~ 16:00	5	<input type="checkbox"/>
2	2023-04-25 14:30 ~ 16:30	3	<input type="checkbox"/>
2	2023-04-26 14:30 ~ 16:30	3	<input type="checkbox"/>
3	2023-04-25 15:00 ~ 17:00	2	<input type="checkbox"/>

Make Meeting

## 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

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## BACK-END

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- **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**

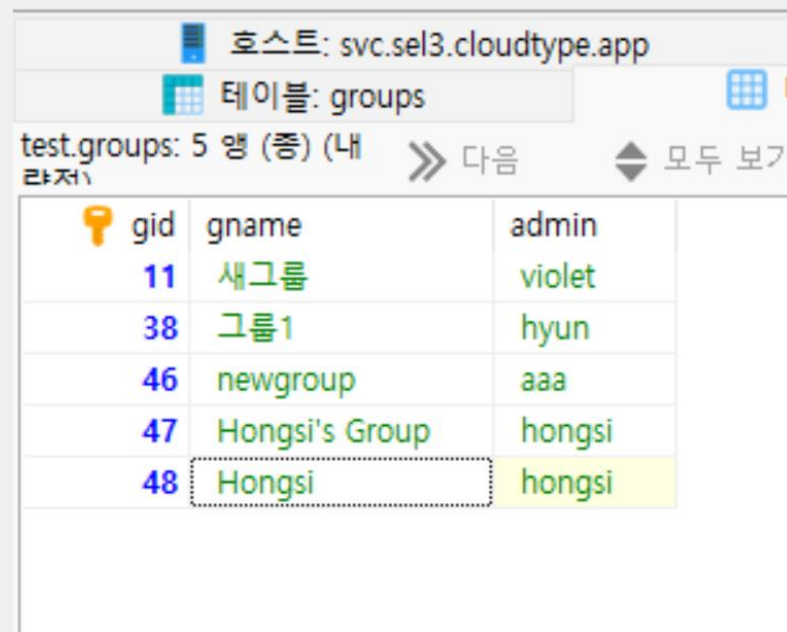
**(Leave group, Invited member, Reject invitation)**

**'KakaoTalk Invited' function**

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## 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)



호스트: svc.sel3.cloudtype.app

테이블: groups

test.groups: 5 행 (중) (내  
라지)

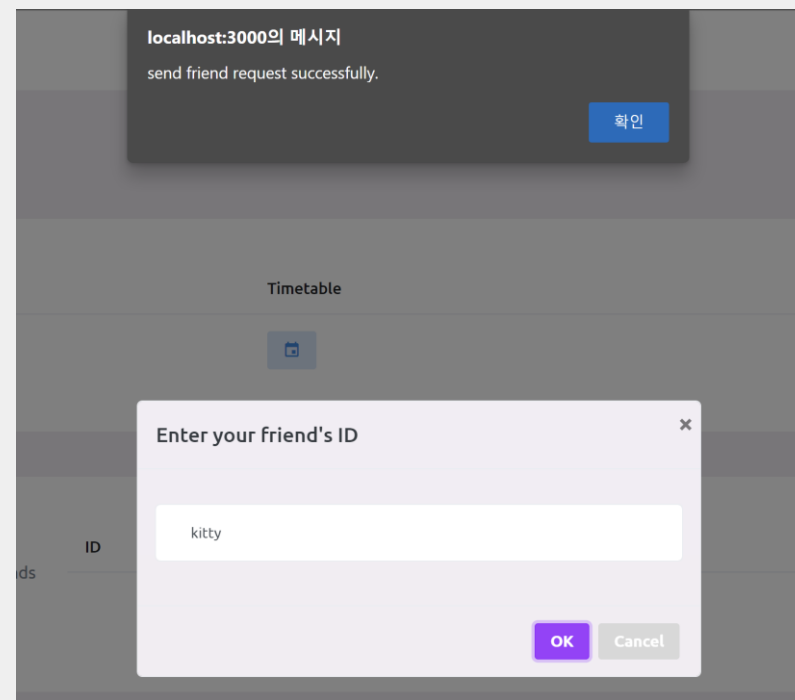
다음 모두 보기

gid	gname	admin
11	새그룹	violet
38	그룹1	hyun
46	newgroup	aaa
47	Hongsi's Group	hongsi
48	Hongsi	hongsi



## Friends Page (Friend request)

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



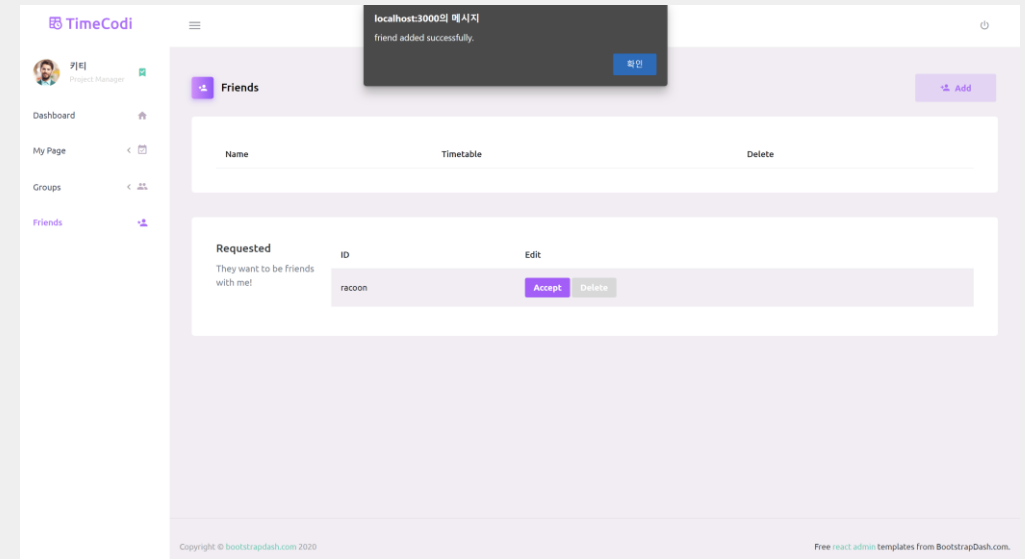
Database

The screenshot shows a database management tool interface. The top bar indicates the host is "svc.sel3.cloudtype.app" and the database is "test". The selected table is "테이블: friend requests". Below the table name, it says "test.friend requests: 1 행 (2/2)" and "모두 보기" (Show all). The table structure is shown with two columns: "uid" and "fid". The data row contains the values "racoon" and "kitty".

uid	fid
racoon	kitty

## Friends Page (Accept / Delete)

- **‘Accept’ button : establish a friendship**
- **‘Delete’ button : remove the friend request**



Database

uid	fid
aaa	racoon
aaa	test
hongsi	violet
kitty	racoon
racoon	aaa
racoon	kitty
test	aaa
violet	hongsi
violet	한글도되나
한글도되나	violet

## Group Page

- **Extract available timetable**

**Input : the schedule list & the number of members**

**Output: the number of members available  
for each time**

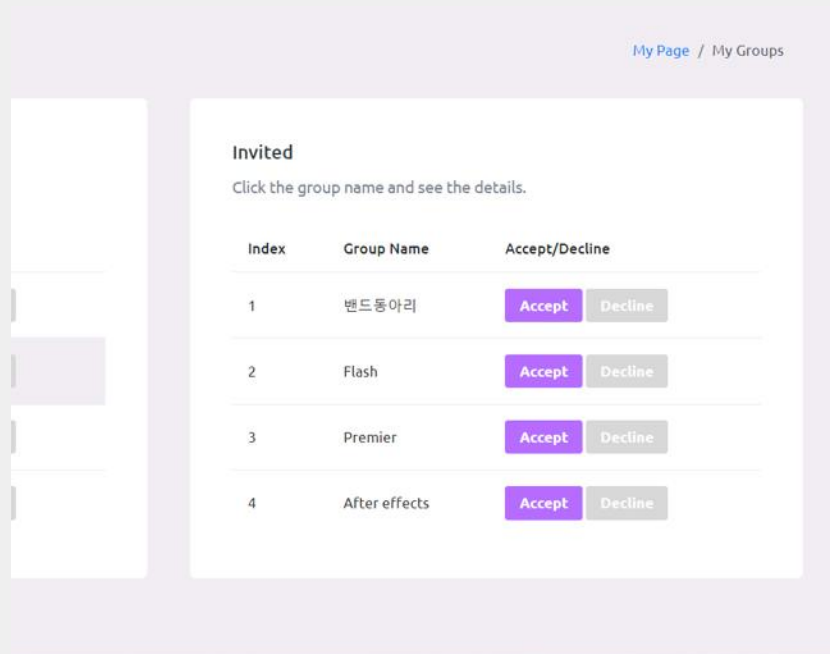
```
print_available_table(data_to_table(date_to_halfhour(sample_evt_list), 5))
```

	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

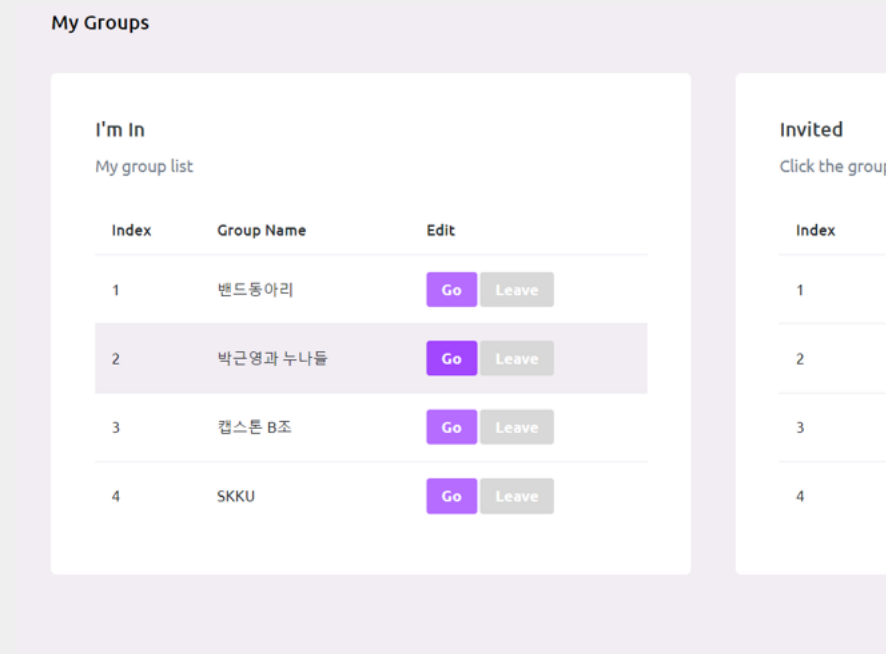
**Post: /invited (Invite member)**

**Delete: /invited (Reject invitation)**



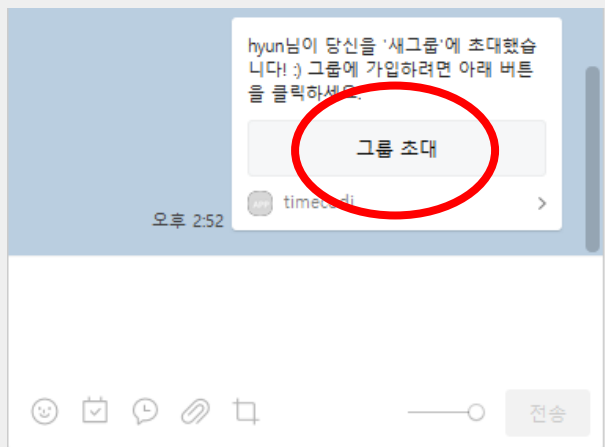
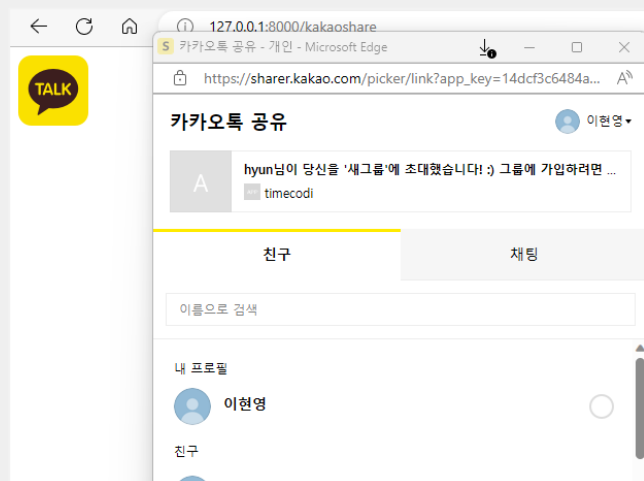
**Post: /member (Accept invitation)**

**Delete: /member (Leave group)**

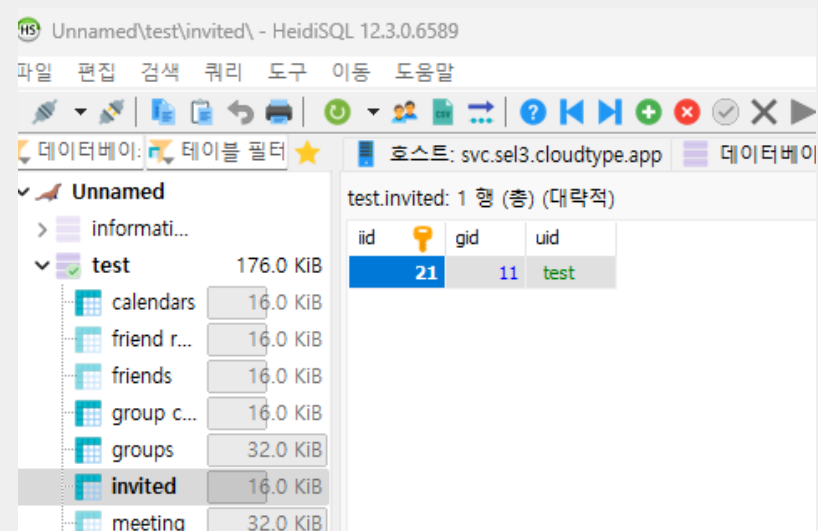


# KakaoTalk group Invitation message

KakaoTalk message



Result





# **04** **CHALLENGES**

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## Challenge

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

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- **Solution**  
**: Get all events at once and map them {date: evtList}**  
**on the *frontend***
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**05** **NEXT WEEK**

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WEEKLY PROGRESS

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## NEXT WEEK

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<b>Frontend</b>	<ul style="list-style-type: none"><li>• <b>Bookmarks group</b></li><li>• <b>Deploy &amp; Review</b></li></ul>
<b>Backend</b>	<ul style="list-style-type: none"><li>• <b>Group admin delegation function</b></li><li>• <b>Vote function</b></li><li>• <b>Deploy &amp; Review</b></li></ul>