G-EYE Wheel User Manual

A manual on how to use the service to help users understand the service.

LBStech@lbstech.net
070 8667 0706
www.lbstech.net

LBS tech
Location Based Service

CONTENTS

01. G-EYE Wheel ?

For the safe movement or wheelchair users

## Wheelchair navigation service

G-EYE Wheel

G-EYE Wheel is a wheelchair navigation service that helps wheelchair users move safely.
Based on the collected data and accessibility information of the wheelchair user's walking route, it guides the wheelchair user to a safe and optimized movement route.

Depending on the type of user(manual wheelchair, electric wheelchair, accompanied or not), we provide a service that guides you to a wheelchair-accessible pedestrian path, taking into account the width and slope of the walkway, and provides a service so that you can reach your destination through information on accessibility to the building entrance.

· Current location
· Wheelchair navigation
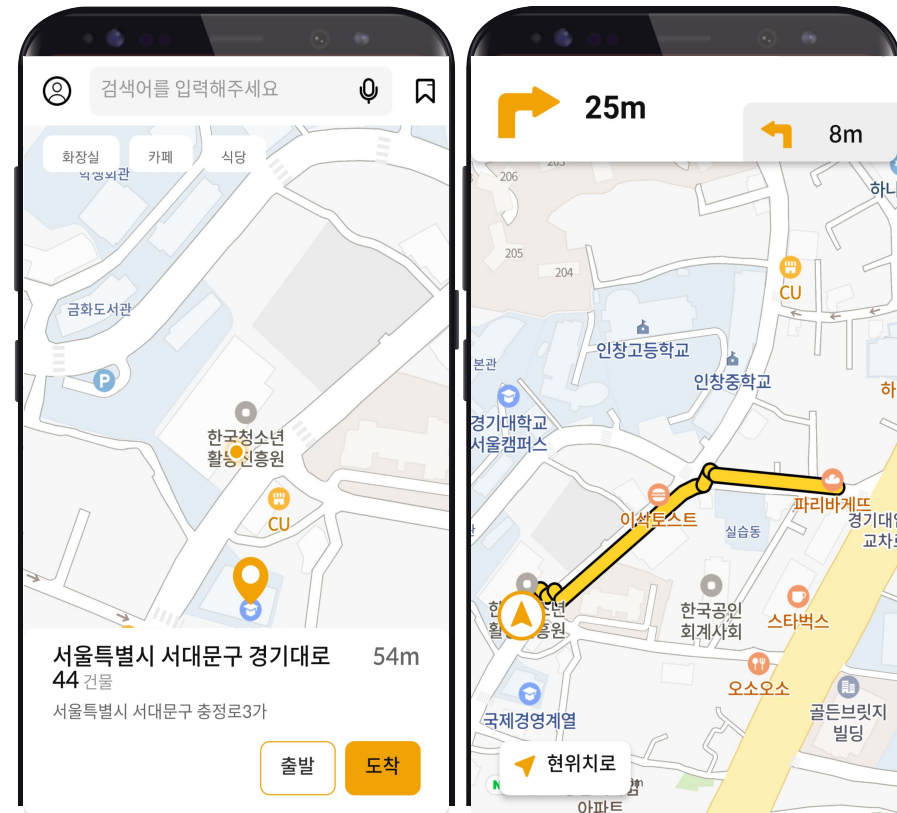
01. G-EYE Wheel info & spec

Basic Information

Service name : G-EYE Wheel

(2021.11.29) Current version : 0.15.2

Service provider : LBStech Inc. (CEO : Siwan Lee)

Homepage : www.lbstech.net

Contact : (+82) 070-8667-0706

E-MAIL : lbstech@lbstech.net

Division		Minimum Specifications	Recommended Specification
Android	OS Version	■ Android 7.0 Nougat	■ Android 11. Red Velvet Cake
	Device	■ RAM 1GB or more ■ More than 100MB of storage spaces ■ Galaxy S6 or later	■ RAM 2GB or more ■ More than 200MB of storage spaces ■ Galaxy S10 or later
iOS	OS Version	■ iOS 13.0	■ iOS 14.0 or later
	Device	■ RAM 1GB or more ■ More than 100MB of storage spaces ■ iPhone 6 or later	■ RAM 2GB or more ■ More than 200MB of storage spaces ■ iPhone 8 or later

02. How to install / run

2.1. Install and run the app

| 1 Ready	2 Settings	3 Allowed	4 Installation	5 Installing	6 Done
If the following message is exposed when you download and run the apk file provided by the company, select ①Settings.	②Allow the installation of apps from unknown sources on the moved screen.	Select 'Allow installation this time only' or ③Allow.	After checking the name of the SW you want to install, select ④Install.	Installation is in progress, and the elapsed time may vary depending on the user's device environment	When the installation of the app is complete, select ⑤Open to run the app.
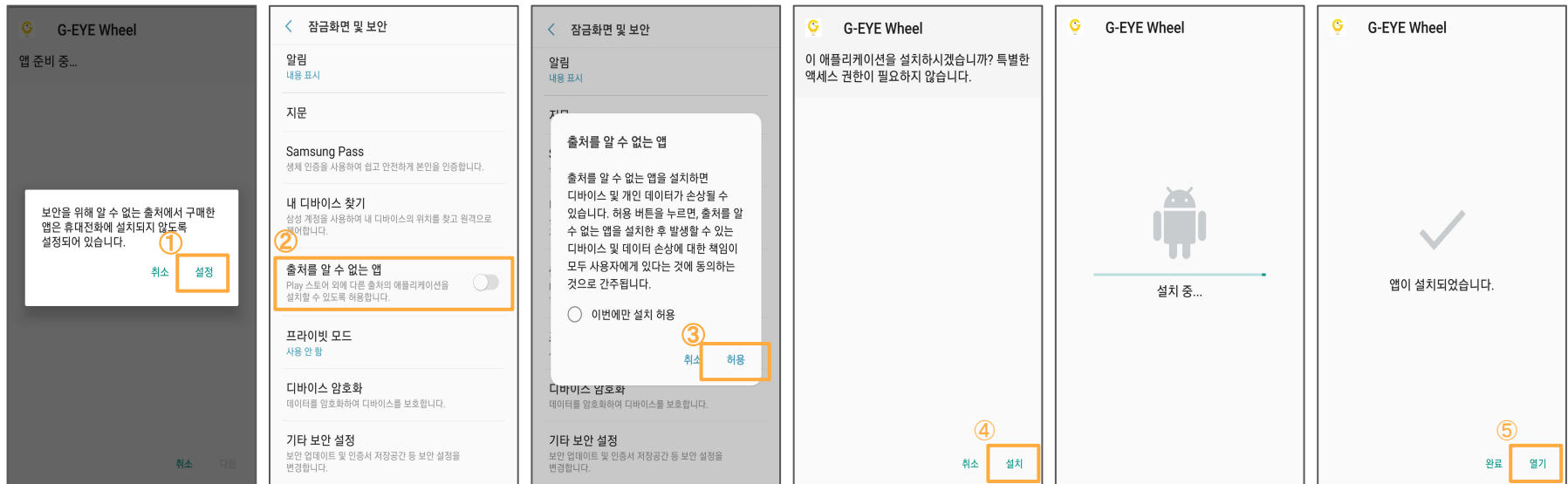
02. How to install / run

2.2. Login and Allow permissions

How to login

After running G-EYE Wheel, you can log in with your Google ID. Select the Google account registered on the device and login.

※You can use it only by logging in without a seperate membership registration process
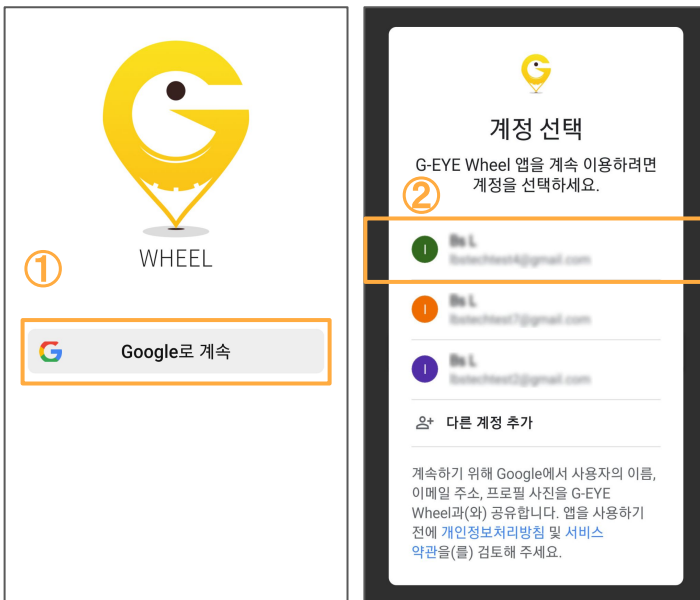

App permission guide

For smooth use of G-EYE Wheel, location, microphone and voice recognition permissions are required. After selecting OK on the permission request screen, select 'Allow only while using the app' or 'Allow' in the pop-up at the bottom of location, microphone, and voice recognition permission requests.

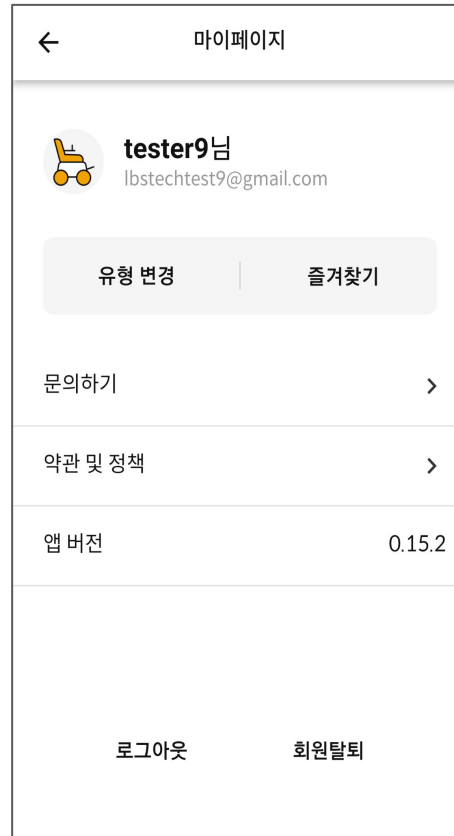※You can use the service even if you do not agree to the permissions, but there may be restrictions on functions.
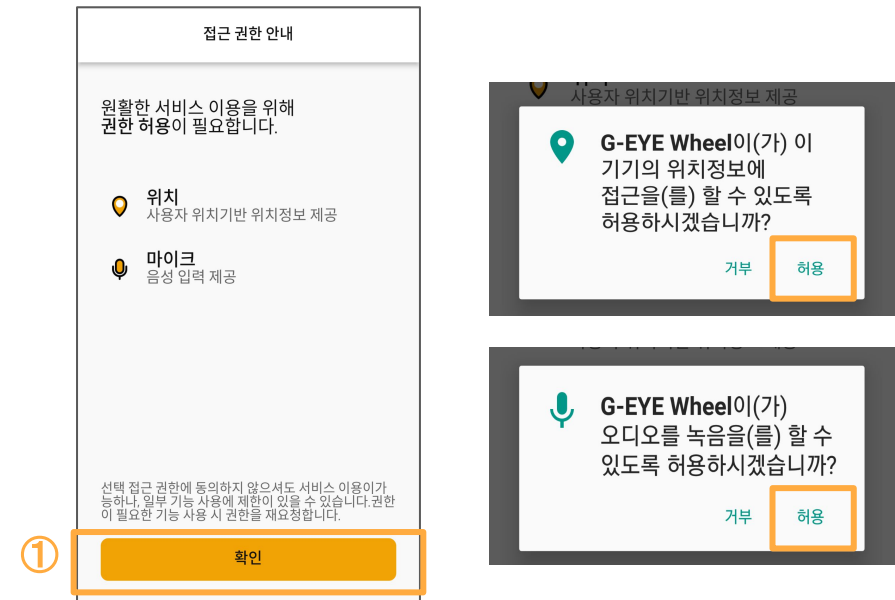
03. Preferences

3.1. My page
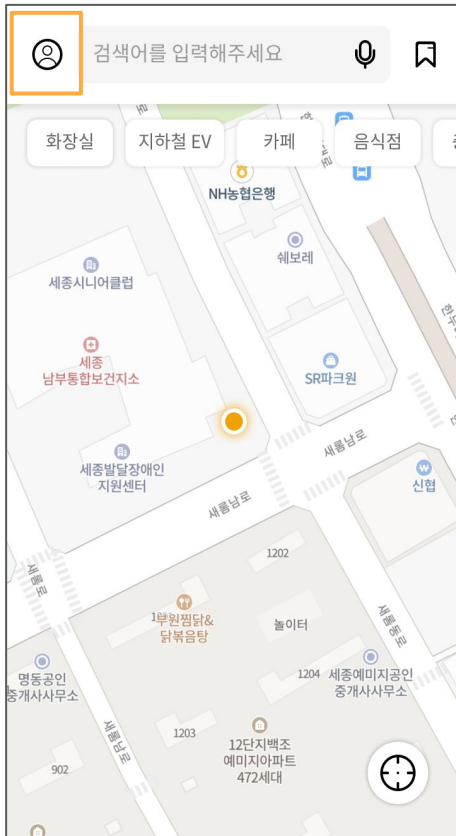
Main screen

My page

You can enter My page by selecting the ⊚ button on the main screen

Type change

You can change the user type. By default, 'Manual' is selected.

Favorites

You can check the places registered as 'Favorites' while using the service, and you can add/remove favorites list.

Contact us

You can write convenient or inconvenient points while using the service in text.

Terms and policies

You can check the full text of the terms and policies that you agreed to when signing up for membership.

App version

You can check the version of the current service.

Logout, membership withdrawal

Go to logout and membership withdrawal pages respectively.
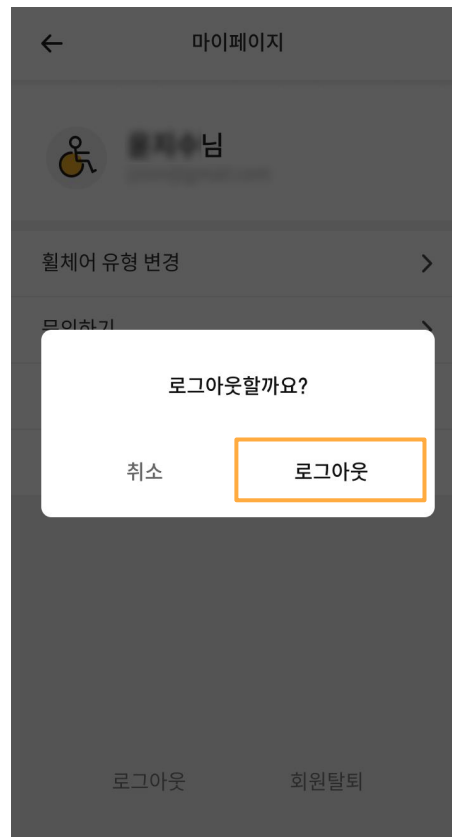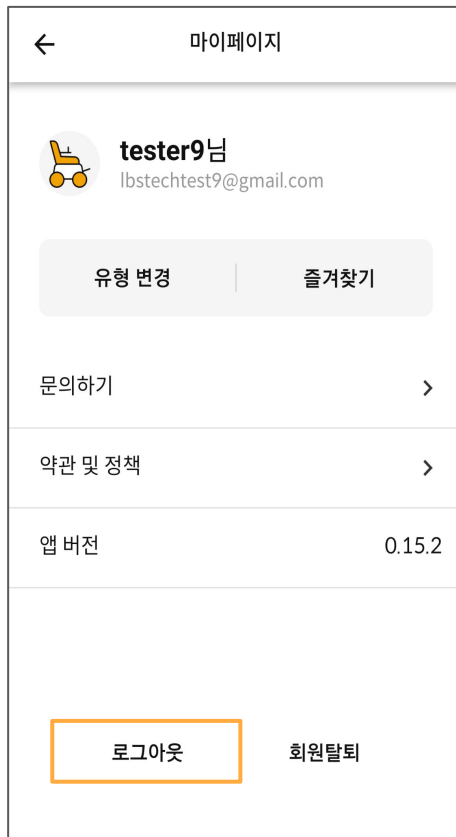
03. Preferences

3.2. Type change

Change user type

You can change the user type to 'Manual', 'Electric', or 'Assistant'

※In the current version (0.15.2), there is no change in the service function or usage environment depending on the type change, which is being planned in the future.

03. Preferences

3.3. Log out

Log out

Log out of the account you are currently logged in to.

If you select Logout, you will be taken to the first login screen.

03. Preferences

3.4. Withdrawal

Withdrawal

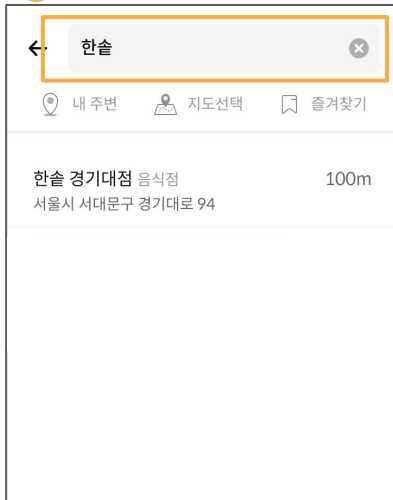The current account will be permanently withdrawn from G-EYE Wheel.

Membership withdrawal is complete if you agree to the instructions given when canceling membership.

04. Main functions

4.1. Main screen

List of public facilities

When you select a facility, its locations is displayed on the map

Search function

If you select the 'Please enter a search term' area, you will be directed to the search screen.

Favorites

Go to the 'Favorites' screen.

The user's favorite routes and places are displayed.

Direction Setting

If selected, it will be set to your current location, the direction you are looking in, and default values.

Voice recognition

The 'Voice Search' screen will pop up.

Voice search is possible through microphone permission settings.

04. Main function

4.2. Search function

①

한솔 ⊗

📍 내 주변　　👤 지도선택　　🔖 즐겨찾기

한솔 경기대점 음식점　　　　　　100m
서울시 서대문구 경기대로 94

②

← 검색어를 입력해주세요 🎤

📍 내 주변　　👤 지도선택　　🔖 즐겨찾기

현위치 주변 100m 반경 ⌄

◀ 현위치: 서울 서대문구 경기대로 288

한솔 경기대점 음식점　　　　　　100m
서울시 서대문구 경기대로 94

한솔 경기대점 음식점　　　　　　100m
서울시 서대문구 경기대로 94

한솔 경기대점 한솔 경기대점 한솔 경　100m
기대점 음식점
서울시 서대문구 경기대로 94

③

← 검색어를 입력해주세요 🎤

📍 내 주변　　👤 지도선택　　🔖 즐겨찾기

지도를 움직여 위치를 지정해주세요

쉐보레
세종시니어클럽
세종
남부통합보건지소　　SR파크원
세종발달장애인
지원센터　　　　신협
1202
1무원찜닭&
닭볶음탕　　늘이터
명동공인　　　1204 세종예대
중개사무소　　　　중개사
1203

확인
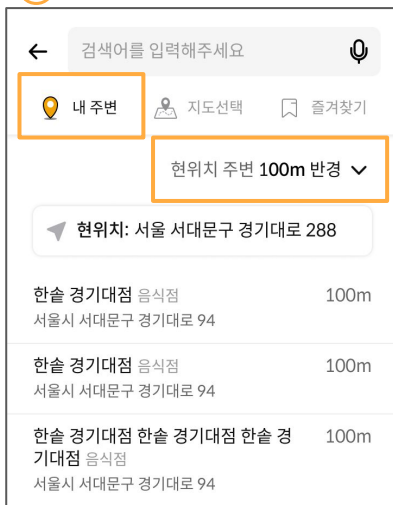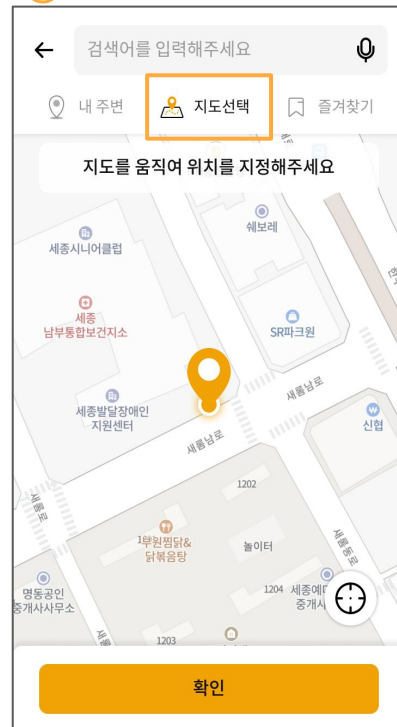
Search function

It provides search functions such as text search, search around current location, and location search.

A text search will show you the results that are closest to your search term.
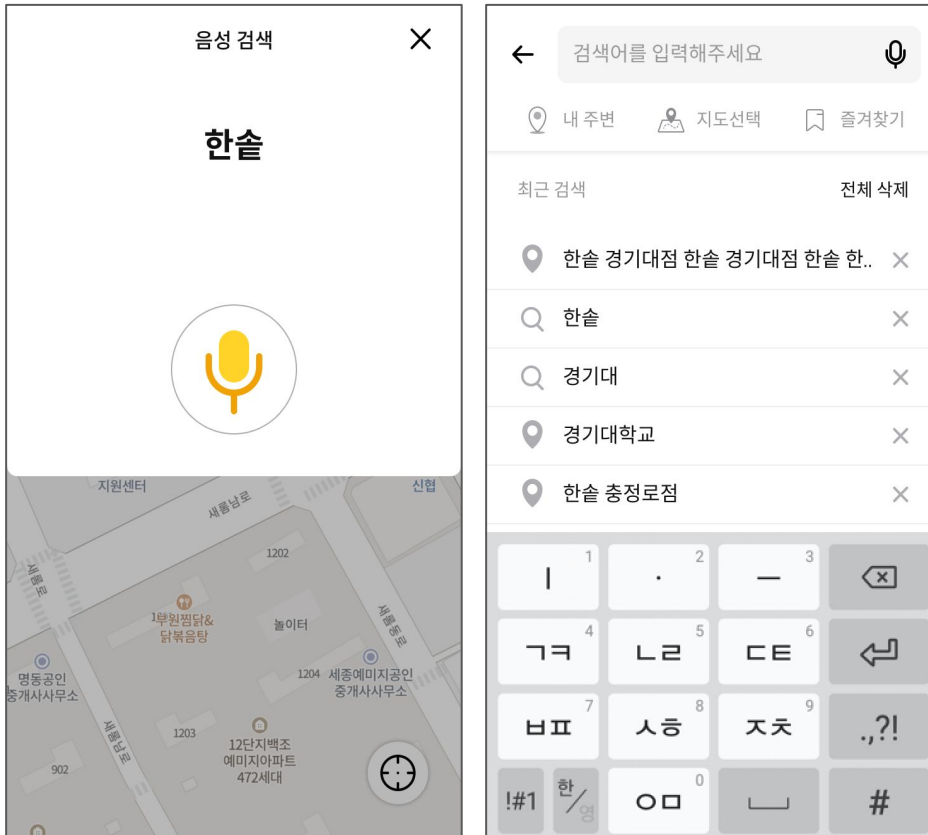
A search around your current location will show you facilities within a radius of 100m, 300m, 500m from you current location.

You can search by specifying a location by moving a pin after selecting 'Select Map'.

※There are no input field restrictions (eg, input limit characters, input range, input limit lengths, etc.).
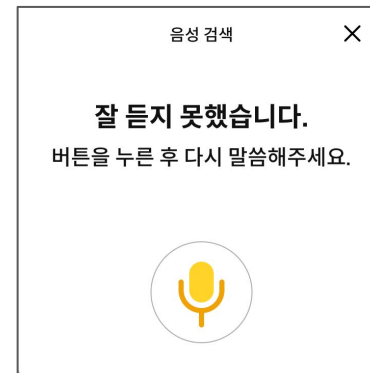
04. Main function

## 4.3. Voice search

Voice search

You can search for a place by through the 'Voice Search' button and microphone function access permission settings.

Search results are displayed according to voice recognition, and if there is no response for 10 seconds after selecting voice search, a message like the one below is popped up.

04. Main function

## 4.4. Information on nearby facilities
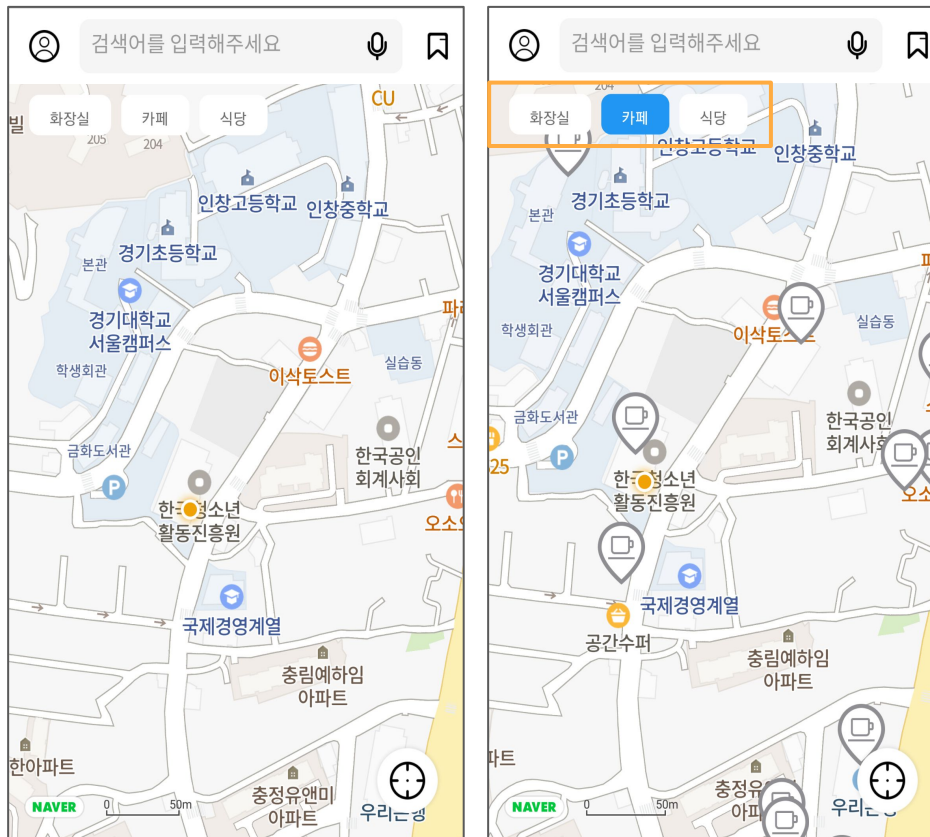

Information on nearby facilities

The location of the selected facility among the facility categories at the top of the map is displayed on the map.

If you select the icon, information about the facility is provided, and you can set the origin or destination to receive route guidance.

The current version (0.15.2) provides information about toilets, cafes, and restaurants.
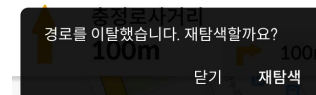
04. Main function

4.5. Route guidance
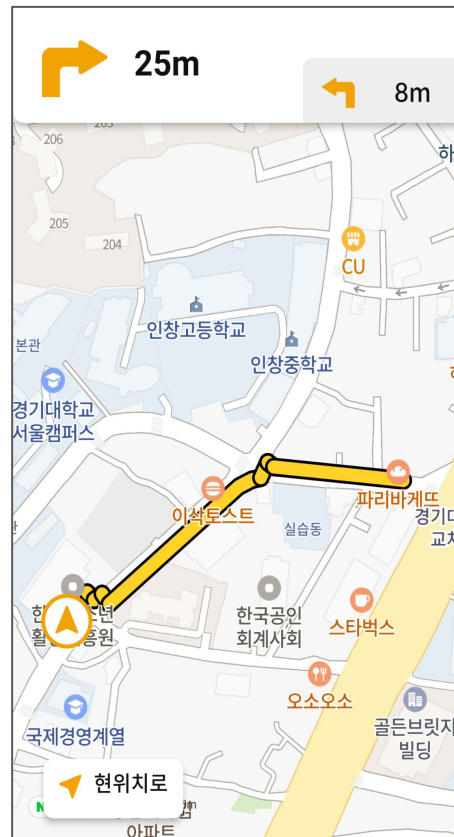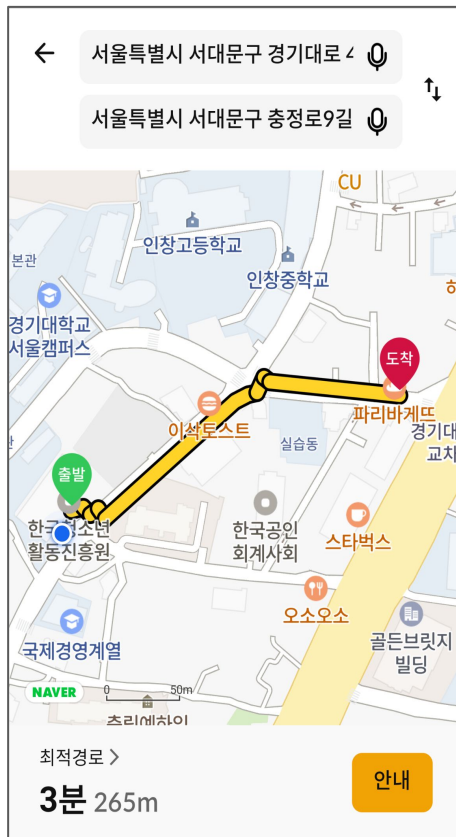
Route guidance

It provides voice guidance on the route from the origin to the destination set by the user.

You can set the origin and destination through text search, selection on the map, and voice search.

It provides information on the distance traveled, the estimated time required, and the slope of the travel route.

When you deviate from the route, a guide message pops up, and a new route is searched from the current location to the destination.

04. Main function

4.7. Favorites
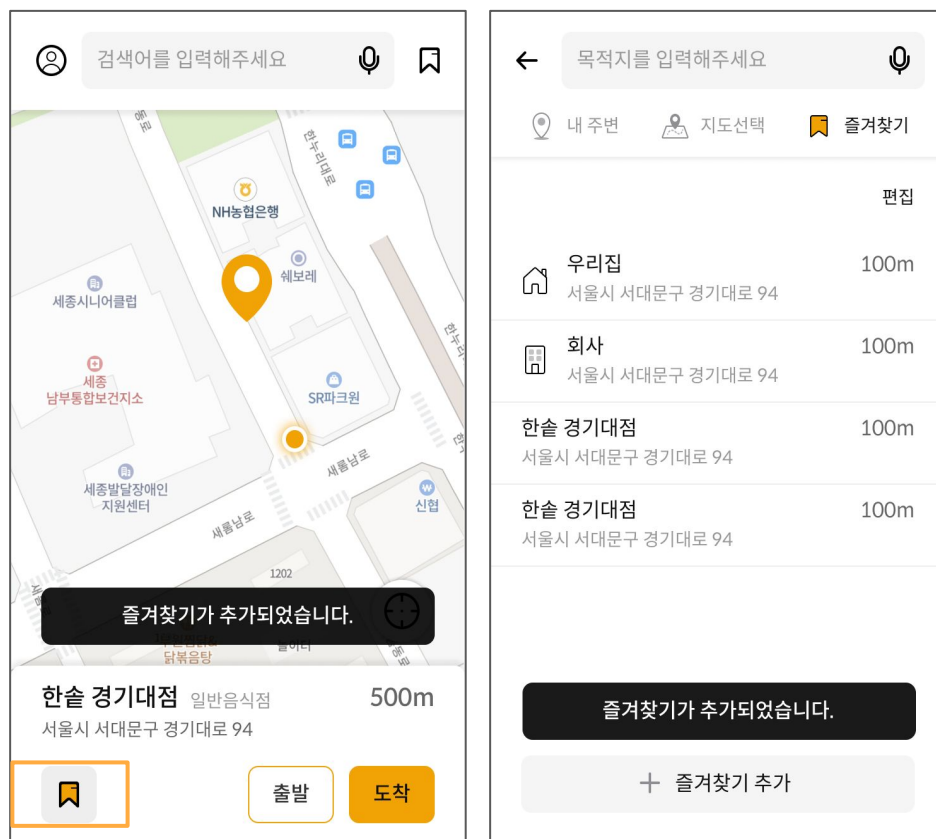
Favorites

Places marked by text search, map selection, or voice search can be set as favorites.

You can reduce unnecessary repetitive searches through the Favorites function, and you can categorize your own familiar destinations.
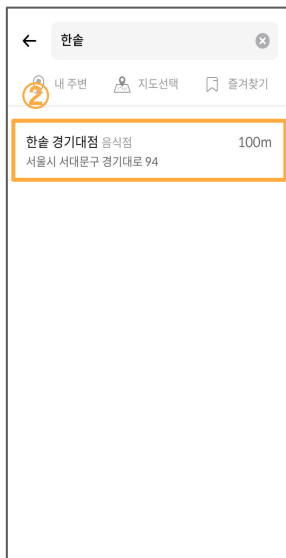
05 How to use

5.1. How to use the service

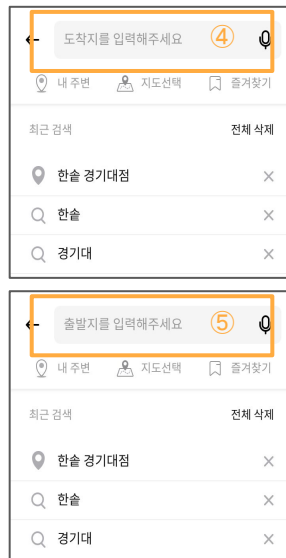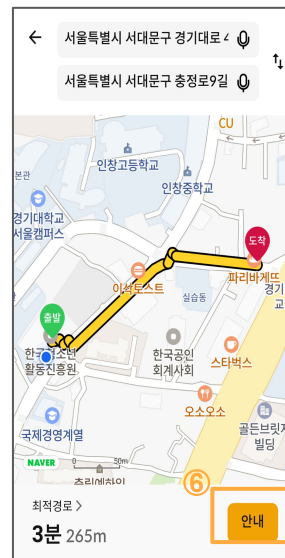| 1 Main screen	2 Search	3 Set origin/destination	4 Additional input	5 Check route info	6 Start guidance
On the main screen, search for the origin/destination through ①text or voice search.	Check the list of search results, and select the one that suits your origin/destination.	Check the location of the selected result, and set ③the origin or destination.	If you selected the ④departure point in the previous step, ⑤you can enter the destination.	⑥Guidance begins with the full route to the destination and the required time.	You can move to your destination according to the guidance considering the direction and distance of each section.
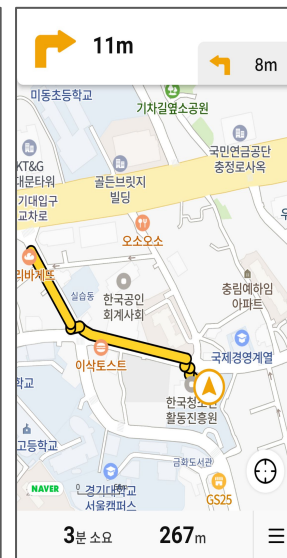
06. Other matters

6.1. Support information
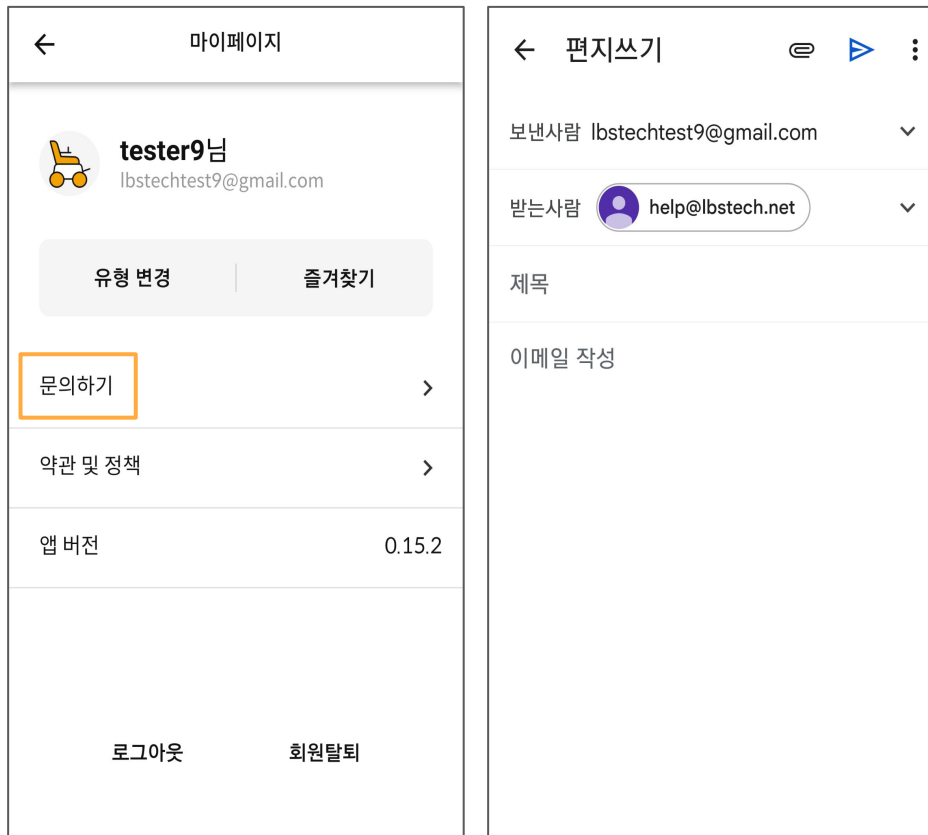
Support information

You can send inquiries about the service by e-mail by selecting the Inquiry button on the My page screen.

You can also send an inquiry directly to help@lbstech.net, visit the website (www.lbstech.net) or leave a store review.
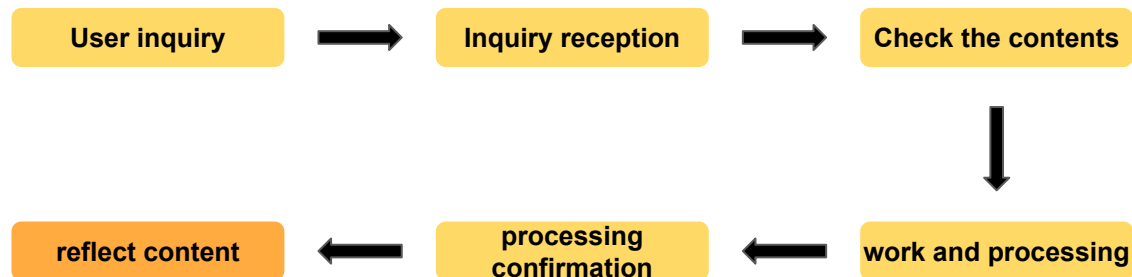
06. Other matters

6.2. About data backup and recovery

1.The company does not provide backup of data while users use the service.

2.The company does not provide a function for data backup and recovery because the data related to member information is destroyed without delay when the user requests the cancellation of service or withdraws from membership.

6.3. Provide product maintenance

1.The company provides product maintenance through the following process to improve service quality and user satisfaction.
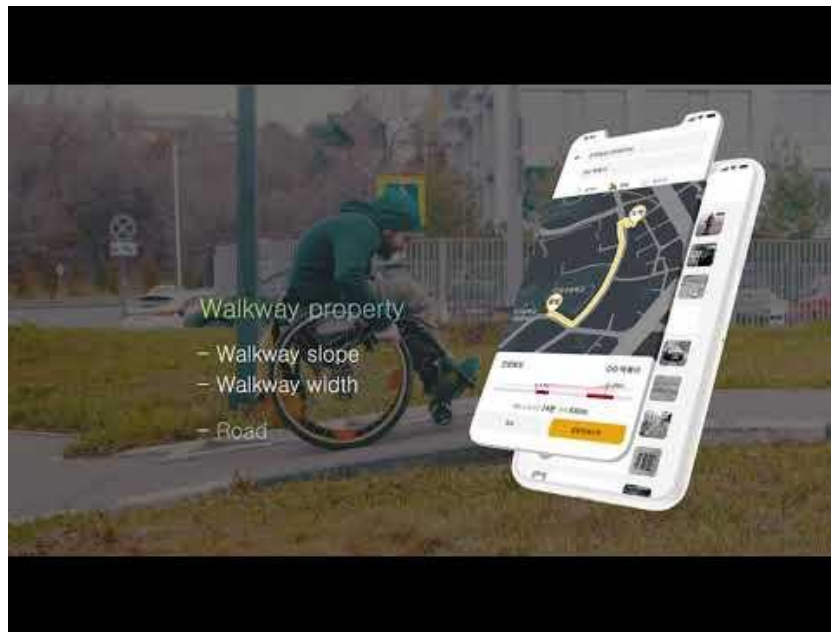
User inquiry	➡	Inquiry reception	➡	Check the contents

reflect content	⬅	processing confirmation	⬅	work and processing

WHEEL

We will accompany them with technology

Barrier-free

Reference video

G-EYE Wheel promotion video

https://youtu.be/KFA0TGI5rzQ

Usability test method

https://youtu.be/ymQZqO8udvU