



MAPGO

USER MANUAL for mapGo

Version 1.0

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1.0 INTRODUCTION

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1.1 System Overview

1.1.1 PURPOSE OF THE DOCUMENT

This document aims to provide the users of this website with the information about the functionality of the website describing the operations which can be done. It also helps the user to understand the website and its uses completely and helps the users to adapt to our website easily and fast.

This document also lists the various issues which can be faced by the users of this portal and provides solutions to them.

1.1.2 PURPOSE OF THE APPLICATION

The project, mapGo aims to provide the user (IITK residents) a website so that they can easily manage a schedule of events happening inside the campus and move through the campus easily. It also helps the event organizers and other users to announce the location and schedule of events along with extra description for the subscribed users to view. The application provides an easy to use interactive campus map, with navigation features which can be used to navigate through the large campus.

1.1.3 INTENDED AUDIENCE

This user manual is for the students of IITK so that they can adapt to this amazing website and benefit from the previously mentioned benefits.

2.0 ABOUT THE SYSTEM

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2.1 SYSTEM SUMMARY

This application is mainly useful for IITK residents and visitors to IITK. This project provides the user an all-in-one go-to application to navigate through the campus as well as schedule, organize and announce events.

This application provides us with the facility to subscribe to the channel we wish. This application is also useful to the business and shop owners who can advertise their businesses while also declaring their opening and closing times.

2.2 SYSTEM CONFIGURATION

The website will run smoothly on any device which has a modern web browser and stable internet connection. The recommended web browsers are Google Chrome, Internet Explorer, Microsoft Edge, Mozilla Firefox, Safari, Opera, Konqueror.

2.3 USER ACCESS LEVELS

Any user can register with their IITK credentials. Once the IITK email is verified the user can set up an account to use the application. The user then will get access to the map and to the events and can subscribe to channels.

Whereas host registration is done and verified by the website administrator, who shall check the legitimacy of the host organization. Once the integrity of the host organization is assured, the admin shall create an account and credentials and provide them to the host personally. For creation of host account mail to mapgo@gmail.com.

Hosts can create events and make public announcements to all subscribed users. They will even be able to update the location and timings of events, describe the event with images etc. Shopkeepers can also be hosts where they can advertise their business and also update opening and closing times.

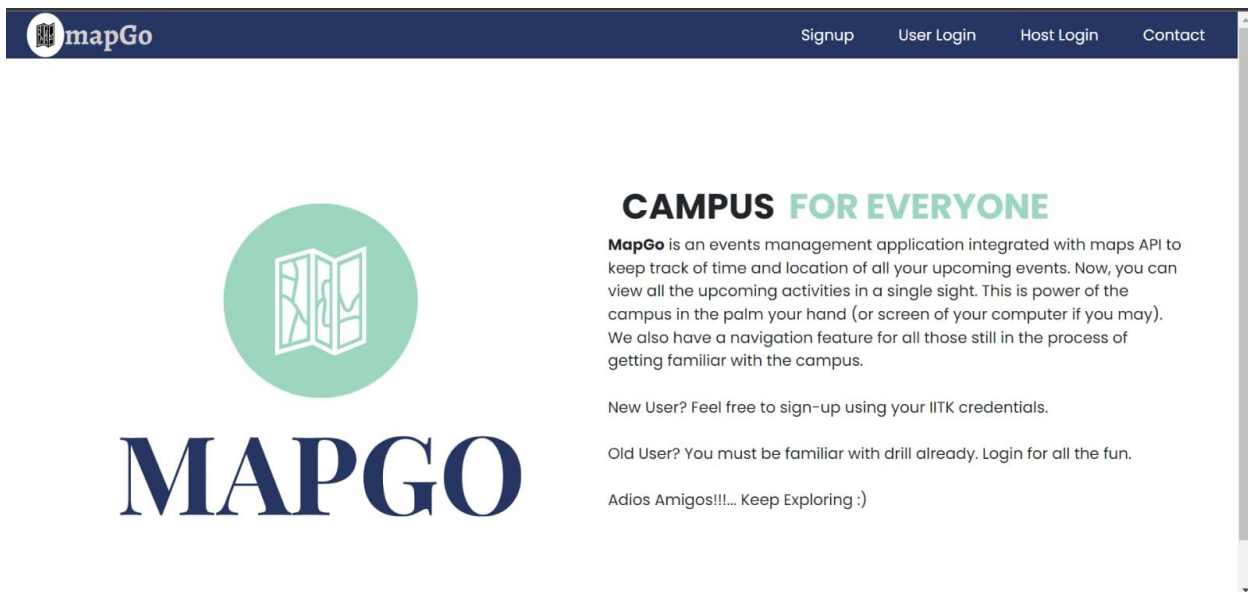
3.0 FUNCTIONALITY

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3.1 FUNCTIONALITY FOR USERS

When the user visits the website, the user should perform either of the two actions before being able to access the website.


- Sign up: If the user is new to the website.
- Sign In: If the user's account was already created by them previously.



3.1.1 SIGN UP

To create the account the user will be required to provide the following details.

- Username : This is a unique field for each registered user. The user will be using this username every time to sign in to the website.
- Email: a valid IITK email.
- Password : User should create a password which will help him to sign in everytime he wants to use the website.
- Confirm Password
- Send OTP : After the user presses this button otp will be sent to the email he provided.
- OTP : The user should enter the otp he received on email and press the submit button to complete the signup process.


 mapGo

SignupUser LoginHost LoginUserEventsUserhomeHostHomeContact

Sign Up

3.1.2 SIGN IN

The user can login into their account with their username and password given during signup. If the user forgets the password, they can reset the password by selecting the forgot password option in the page and reset is allowed after verification by an OTP through mail. Once signed in , the application generates a user-specific token which is stored in the cookies.

 mapGo

SignupUser LoginHost LoginUserEventsUserhomeHostHomeContact

Sign In

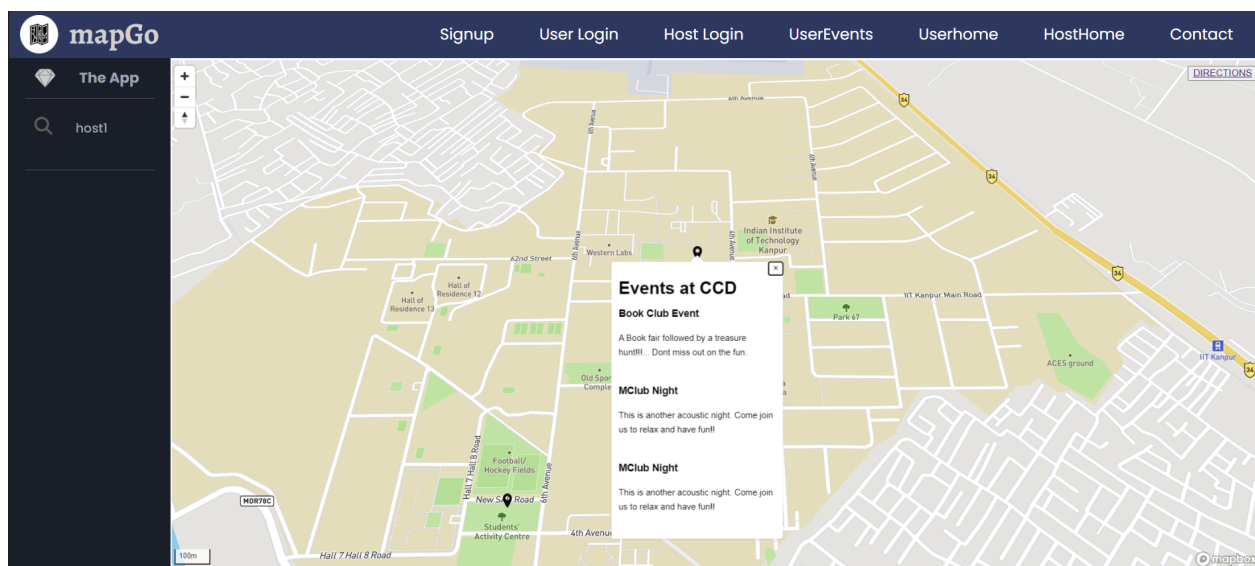
Forgot password ?

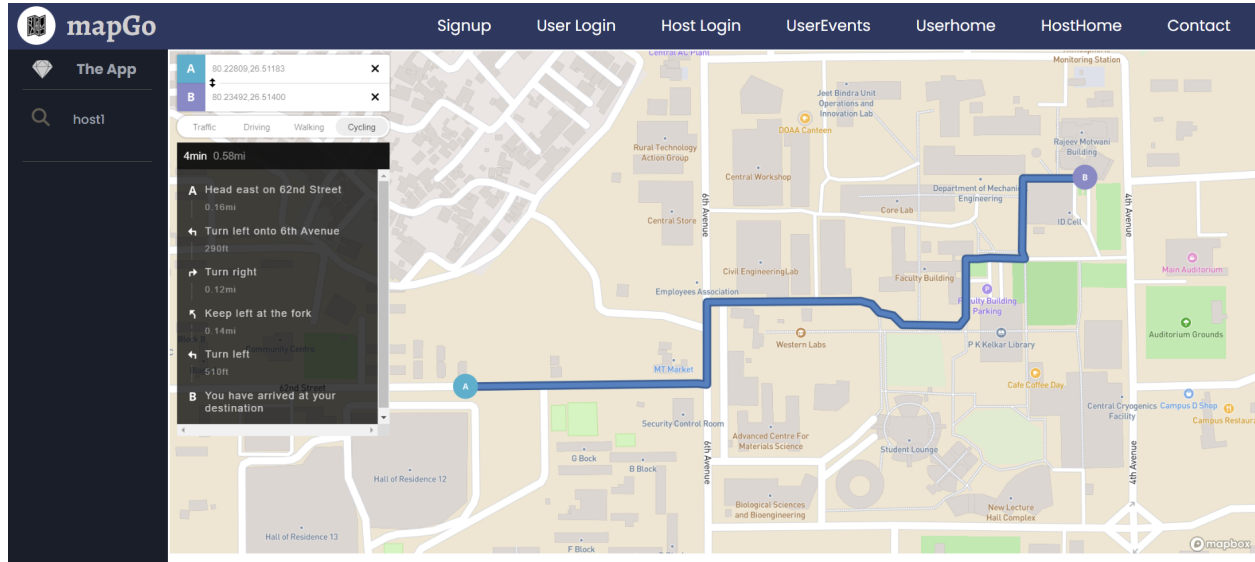
3.1.3 FORGOT PASSWORD

The user in case forgets their credentials can use this page to reset the password for their account. They need to provide the username and email of the registered account. A verification otp will be sent if the given username and email matches to a registered account. Once the OTP is verified, the user can provide a password and use it to sign in then after.

3.1.4 USER HOME

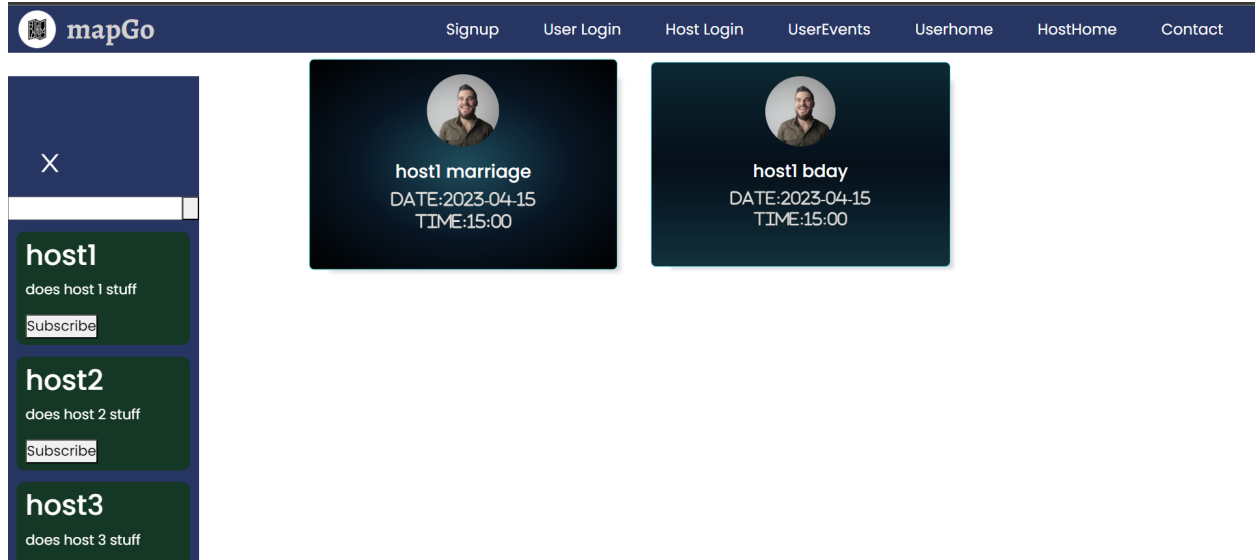
This is the main page for a user which has the campus map marked with events that the user is interested in, a sidebar which shows the hosts that the user has subscribed to, and a navigation link, which when clicked takes you to the navigation page where you can put in 2 location pins inside the campus, and get directions.





3.1.5 USER EVENTS

This page displays all the upcoming events from hosts that a user has subscribed to. It provides a search bar where the user can search for hosts using their name and description and can use the subscribe option to subscribe to their events.



3.1.6 CONTACT

The contact page has the contact details for the user to contact the application administrator in case of any issues

3.1.7 LOGOUT

After using the application the user can choose to logout of the app by clicking on this.

3.2 FUNCTIONALITY FOR HOSTS

To sign up the host should contact the administrators directly through mapgo@gmail.com.

3.2.1 HOST LOGIN

The host can login into their account with their username and password provided by the application administration during the host registration procedure.

A dark-themed login form titled 'Host Log In'. It contains two input fields: 'Hostname' and 'Host Password'. Below these fields is a 'SIGN IN' button.

3.2.2 HOST HOME

Host home page contains the details of all the events created by the host and is made public to all his subscribed users. The host also can view the chat box for each event and answer any queries or respond to any message posted by subscribed users.

3.2.3 HOST ANNOUNCE

This page allows the host to fill in the details of a public event that they intend to announce and make public to all subscribed users.

The screenshot shows the 'Add an Event' form in the mapGo application. The form is dark-themed and contains the following fields:

- Event Name**: A text input field.
- Description**: A text input field.
- startTime**: A date and time picker showing 'dd-mm-yyyy --:--'.
- endTime**: A date and time picker showing 'dd-mm-yyyy --:--'.
- Venue**: A text input field with 'LHC' entered.
- Create Event**: A green button at the bottom.

The host needs to fill in details about the event, such as name, description, timings and venue. Filling in details have been made easier with easy-to-use drop down table while selecting timings, and venue inside the campus.

The left screenshot shows the 'Add an Event' form with the 'Venue' dropdown menu open. The menu lists the following options:

- LHC
- OAT
- Pronite Ground
- Events Ground
- LHC

The right screenshot shows the 'Add an Event' form with the 'startTime' and 'endTime' date and time pickers open. The pickers show a calendar for March 2023 and a time selection table.

Mo	Tu	We	Th	Fr	Sa	Su
27	28	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	4	5	6	7	8	9

The time selection table shows the following times:

22	48
23	49
00	50
01	51
02	52
03	53
04	54

3.2.3 HOST LOGOUT

After using the application the host can choose to logout of the application by clicking on this.

4.0 TROUBLESHOOTING AND OTHER FAQs

4.0 TROUBLESHOOTING AND OTHER FAQs

4.1 Website stopped displaying after a while

The webpage can hibernate in case of long durations of inactivity. Therefore, accessing the webpage after a long time can take a few minutes for startup. Please wait for that duration.

4.2 Can I create an account without an IITK email?

In order to protect the information of different hosts, from outside mallices, it is necessary that you use a valid IITK email (of the form example@iitk.ac.in) for registration.

4.3 Username taken error is displayed at signup

While signing up for a user account, the username field must be unique from other registered users. Username registered from an already taken username shall not be permitted, and an error message will be displayed in case the given username was taken.

4.4 What to do in order to receive OTP emails?

The user shall provide a valid IITK email (example@iitk.ac.in) in order to receive verification OTPs. The provided OTP is valid for 30 minutes from the generation of OTP.

4.5 Did not receive OTP/OTP email takes time

The one-time-password email is sent using a 3rd party service. a maximum time of 2 mins can be expected before receiving the email. Please check your spam emails for the otp email. If you didn't receive an email, please re-check that you filled a valid IITK email. If every information provided by you seems to be correct and still the issue persists, please reach out to us.

4.6 Error 404 page

In case you see an error 404 page, the issue is because you tried to access a page that doesn't exist. Use the link provided in the 404 page to return back to the application homepage.

4.7 Delay in the Update

Sometimes there may be a delay in updating the information regarding upcoming events or newly built paths or buildings. refreshing the browser.

4.8 Map is not displayed / map display takes time

The application uses a third party service 'mapbox' to display the map in our application. The compatibility of the map feature on different systems is managed by the third party service provider.

4.9 Directions seem to be incorrect

The navigation feature that provides directions from point A to point B within the campus region is provided by the third party service provider 'mapbox'. The correctness of the information provided is the responsibility of the third party service providers.

4.10 No new events added when subscribed to a new host

Once subscribed to a host, the events announced by that particular host are displayed on the user events once the page is reloaded. If the user events page is not updated after subscribing, you may try to refresh the browser. In case no new events are added to the user events page, it might be the case that the host has not announced any new events.

4.11 What happens when I subscribe to a host?

When you subscribe to a host, you will from now on you shall receive event details that the host announces.

4.12 How do I see my upcoming events? and how to know who is the host?

In the UserEvents page you shall see all details about an event hosted by a host organization that you have subscribed to.

4.13 How to talk to the host and other users subscribed to an event?

Use the chat box feature within an event in the UserEvents page, to post messages, queries and doubts to other users subscribed to the event, and get them answered.

4.14 How does a host register?

In order to maintain the integrity of events announced publicly to the users on the application, the registration of a host organization shall go through the verification of the application admin. If you are an organization who wishes to announce your events publicly on the application, send us the organization details via the contact us page, we shall reach out to you with the details of the registration procedure. By the end of the registration procedure, once the legitimacy of the host organization is checked, you shall receive host credentials giving you access to announce events publicly on the application.

For any further queries, please feel free to reach out to us on mapgo@gmail.com.

5.0 GLOSSARY

5.0 GLOSSARY

This section contains details about the terms used in the documents that might be new to the readers of the document. In case of new revisions of the document, this shall be updated.

5.1 IITK

abbr. Indian Institute of Technology, Kanpur

5.2 Cookie

A piece of data from the website that is stored within the browser that is used to provide user-specific information during the user of the application.

5.3 OTP

abbr. One Time Password

A confidential string of characters used to authenticate the user.