



CSCI 380

Intro to Software
Engineering

DEV. TEAM

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USER MANUAL

WELCOME TO COSMIC



Hello from the COSMIC team!

Thanks for trying our app. COSMIC is designed to be your ultimate calendar organization system – a modular, interactive, and connected way to manage your schedule and connect with friends.

At its core, COSMIC allows you to track events with detail, including the title, date, time, location, and shared status. But it's more than just a calendar! Stay connected with our social feed, where you can share events with your friends, much like the story features you're familiar with on other social platforms.

Getting to your events is seamless with our integrated GPS function. COSMIC can navigate you directly to event destinations using your device's GPS, providing native routing, calculating the distance, and estimating travel time for both driving and walking.

Our profile system makes it easy to connect with others on COSMIC. You can share your social media handles, area of residence, phone number, and email to help friends find you quickly.

We hope COSMIC helps you stay organized and connected!

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This guide is written to assist first-time users through every step of the app—from installation to using each feature seamlessly—regardless of their technical background.

SYSTEM REQUIREMENTS

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To run COSMIC, ensure that your device meets the following minimum system requirements. Your device must be running Android 8.0 (Oreo) or later and have at least 150MB of available storage. A stable internet connection is necessary for real-time syncing, login, and location routing. COSMIC is optimized for smartphones with a 5-inch screen or larger.

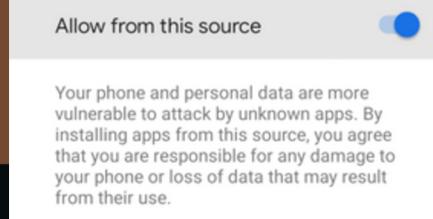
DOWNLOADING THE APP

Unlike traditional applications listed on the Play Store, COSMIC is distributed through a secure Google Drive folder. Users will receive a link to the shared drive. By navigating to the link, you'll locate a file named COSMIC.apk. Download the file to your device's local storage in a folder that's easily accessible to you, such as your downloads folder.

INSTALLING THE APP

Once the APK is downloaded, locate it in your Downloads folder. Tapping the file will prompt an installation dialog. Proceed by selecting 'Install.' After installation is complete, the COSMIC icon will appear on your home screen. Tap this icon to open the app.

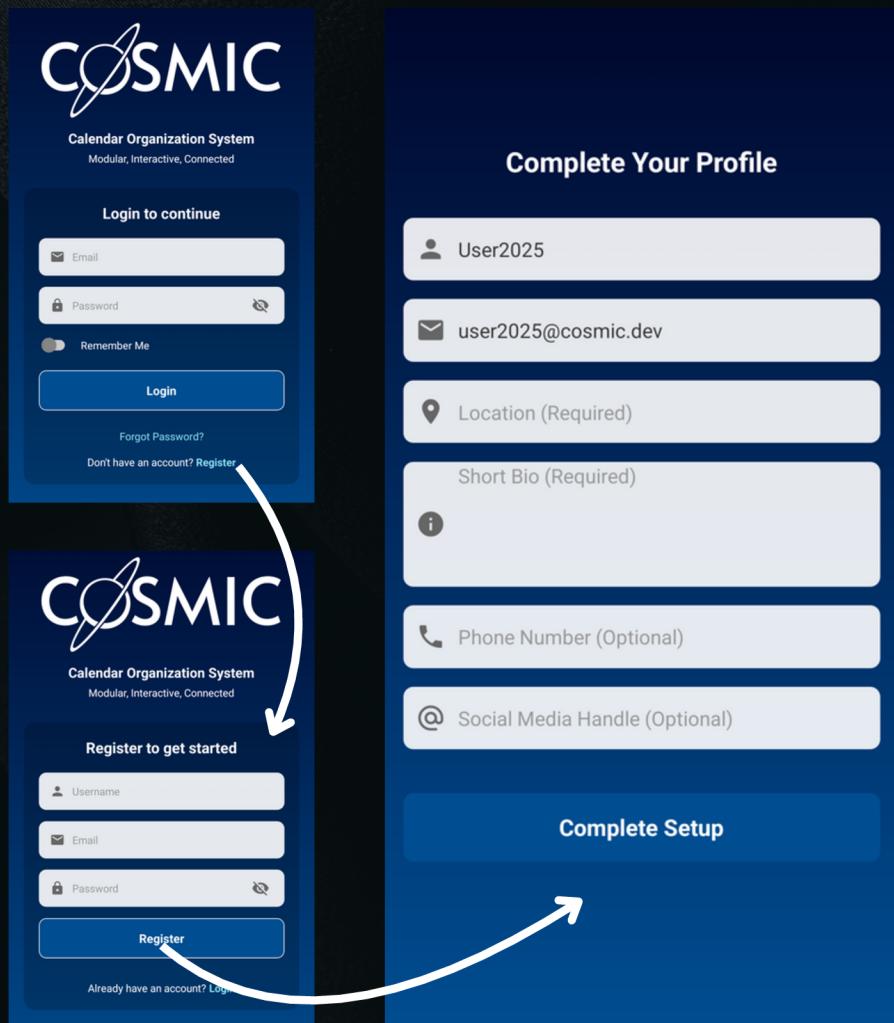
Note: Be sure to enable "Install from Unknown Sources" on your Android device if prompted. Process may vary depending on what Android Version and phone model is used.



ONBOARDING

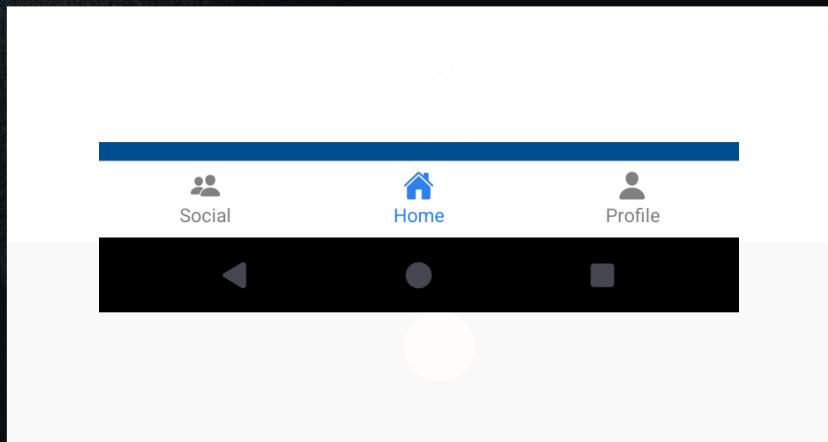
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Upon launching COSMIC for the first time, you'll be greeted with a login screen. If you are a new user, choose the 'Register' option. Enter your desired username, a valid email address, and a secure password. After registration, you'll be guided to complete your profile by adding optional details such as location, phone number, and other information. Existing users can simply enter their credentials to log in.



NAVIGATION

SIMPLE 3-TAB SYSTEM



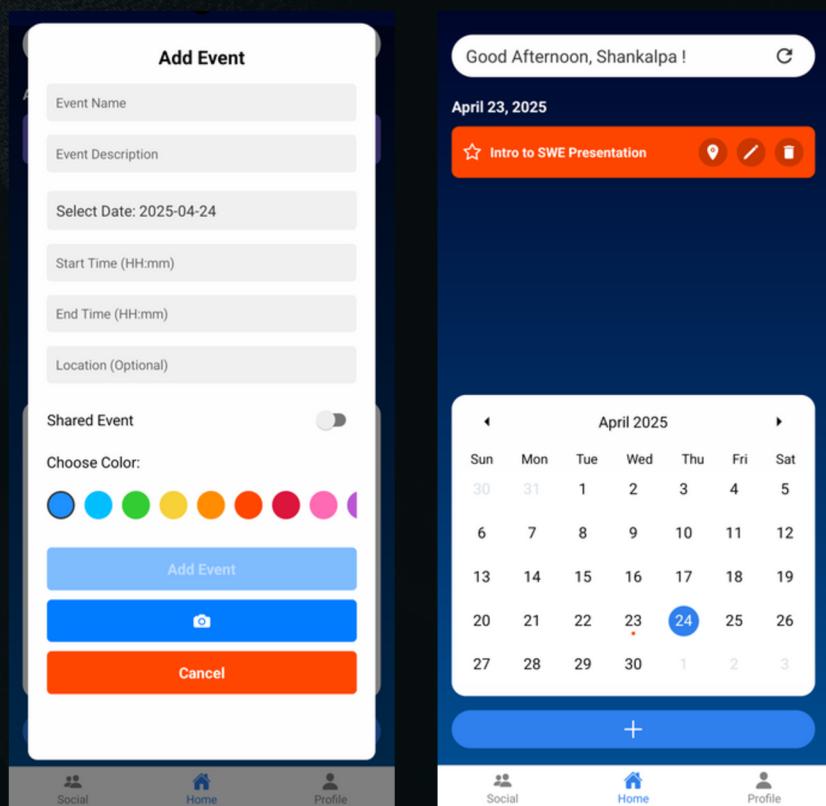
The COSMIC interface features a simple navigation bar that includes three core tabs—Social, Home, and Profile. The Home tab acts as your personal planner, displaying your calendar and upcoming events. The Social tab serves as your feed for shared events, allowing you to stay informed on what your friends are planning. The Profile tab lets you manage your information, access settings, and use additional tools such as GPS routing and event management.

FEATURES OVERVIEW

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PERSONAL CALENDAR

The Home tab is the core of your personal schedule. To create an event, press the '+' button, fill out the necessary details like event name, description, date, and time, and select a color to organize visually. You can also decide if an event should be shared to your social feed. Once complete, the event appears in your calendar, color-coded and editable.

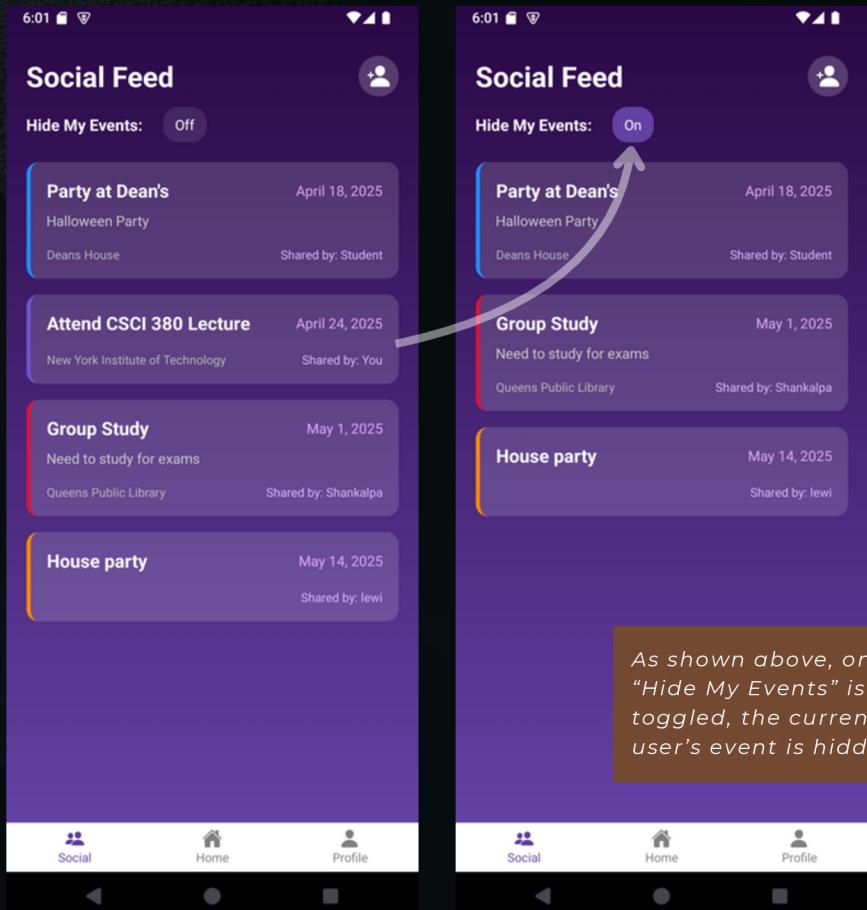


FEATURES OVERVIEW CONT.

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SOCIAL FEED

This feature, accessed via the Social tab, displays all events that have been marked as public by you or your friends. You can choose to hide your own events using a toggle at the top of the screen. This section ensures transparency and helps with collaborative planning.

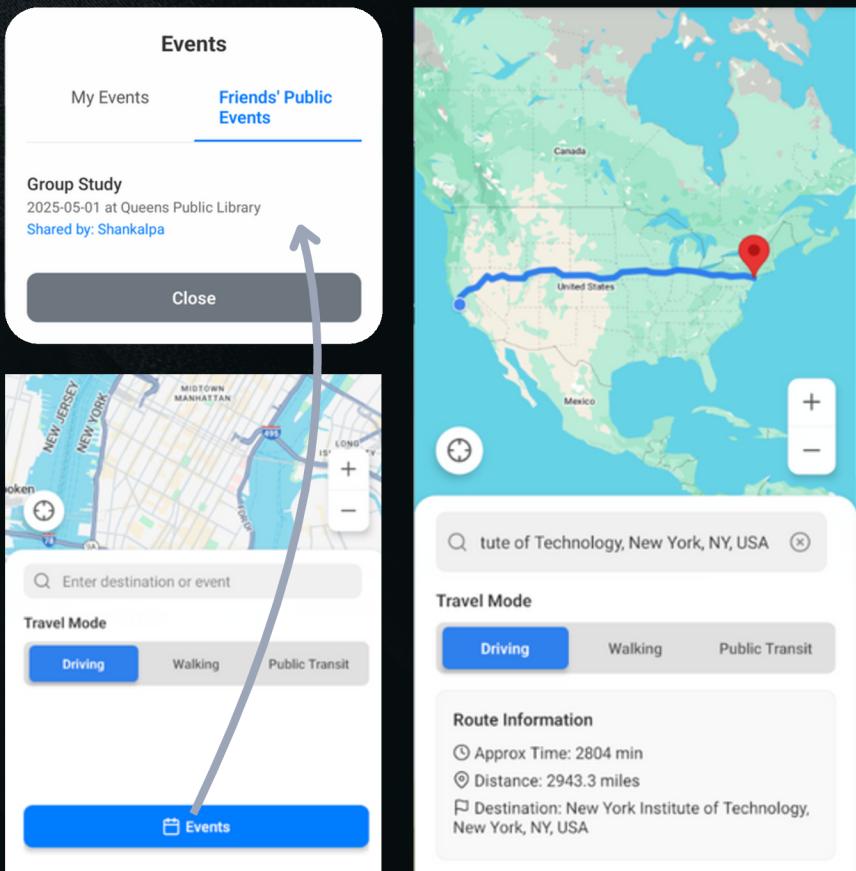


FEATURES OVERVIEW CONT.

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DESTINATION ROUTING

COSMIC includes a built-in mapping feature to visualize event locations. By navigating to the Profile tab and selecting 'GPS', users can choose a mode of transport—walking, driving, to calculate distance and expected travel time. This makes time management significantly easier, especially for off-campus or multi-location plans. Users can also select between all of their events, and the events their friends have shared publicly.



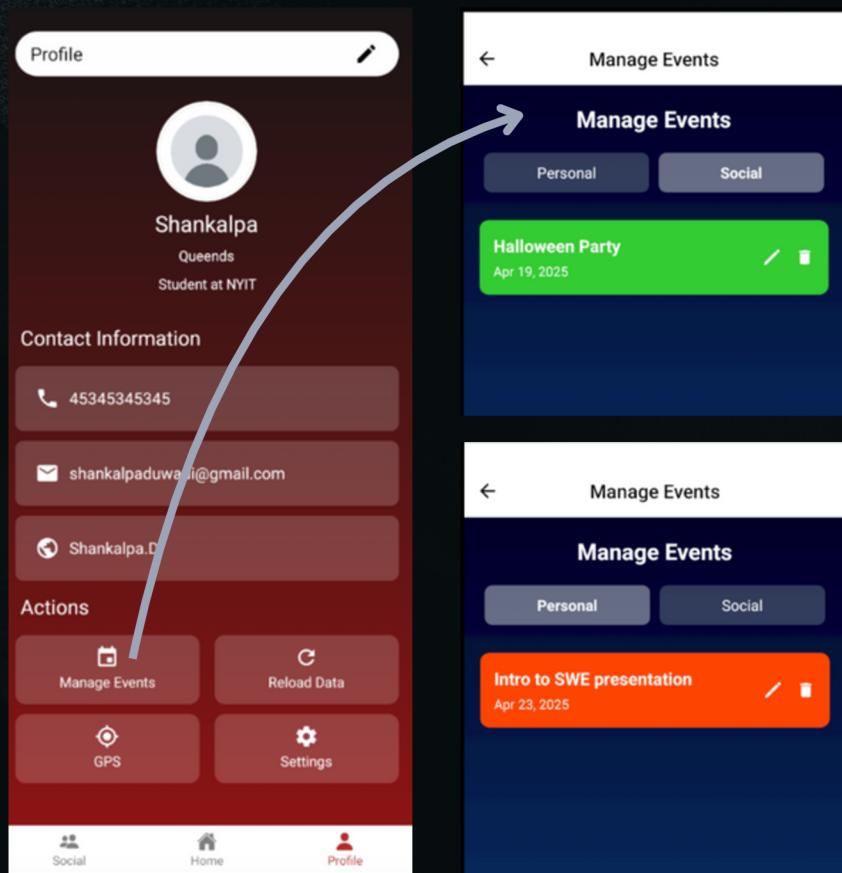
This screen can be accessed by clicking on the marker button of an event that has location data, or by visiting the profile screen

FEATURES OVERVIEW CONT.

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EVENT MANAGEMENT

Under the Profile tab, selecting 'Manage Events' brings up a bifurcated view of your Personal and Social events. This screen provides a centralized area to view and control all of your existing entries. The Manage Events feature separates your private and shared events, giving you the option to edit the content or remove it if no longer relevant. This tool simplifies the process of keeping your calendar clean and up-to-date, especially for recurring or evolving plans.



FEATURES OVERVIEW CONT.

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MANAGE FRIENDS

COSMIC allows you to connect with peers through a friend management system. To add or remove friends, go to the Social tab and open the Friends section. You can search for users using their username or email, then tap to add them (works similarly to following an account on Instagram). In order for another person to see your events, they must also add you. You can also manage your friend list by removing users at any time.

The image displays two screenshots of the COSMIC app's friend management feature. The left screenshot shows the 'Manage Friends' screen with a search bar containing 'shan'. Below it, a message says 'Found 2 users' and lists two profiles: 'Shankalpa' (Email: shankalpaduwadee@gmail.com) and 'vivi' (Email: vzhang2022@gmail.com). The right screenshot shows the 'Friend Info' screen for 'Shankalpa', featuring a circular profile picture, the name 'Shankalpa' in bold, and a 'Details' section with 'Location: Queensss' and 'Bio: Student at NYIT'. Below this is a 'Contact Information' section with 'Phone: 9293867957' and 'Email: shankalpaduwadee@gmail.com'. A large white curved arrow points from the 'Friends' list in the left screenshot to the user profile in the right screenshot.

Manage Friends

Friends

Found 2 users

Shankalpa
Email: shankalpaduwadee@gmail.com

vivi
Email: vzhang2022@gmail.com

shan

Manage Friends

Friends

Search for users...

Your Friends

Shankalpa

Friend Info

Shankalpa

Details

Location: Queensss

Bio: Student at NYIT

Contact Information

Phone: 9293867957

Email: shankalpaduwadee@gmail.com

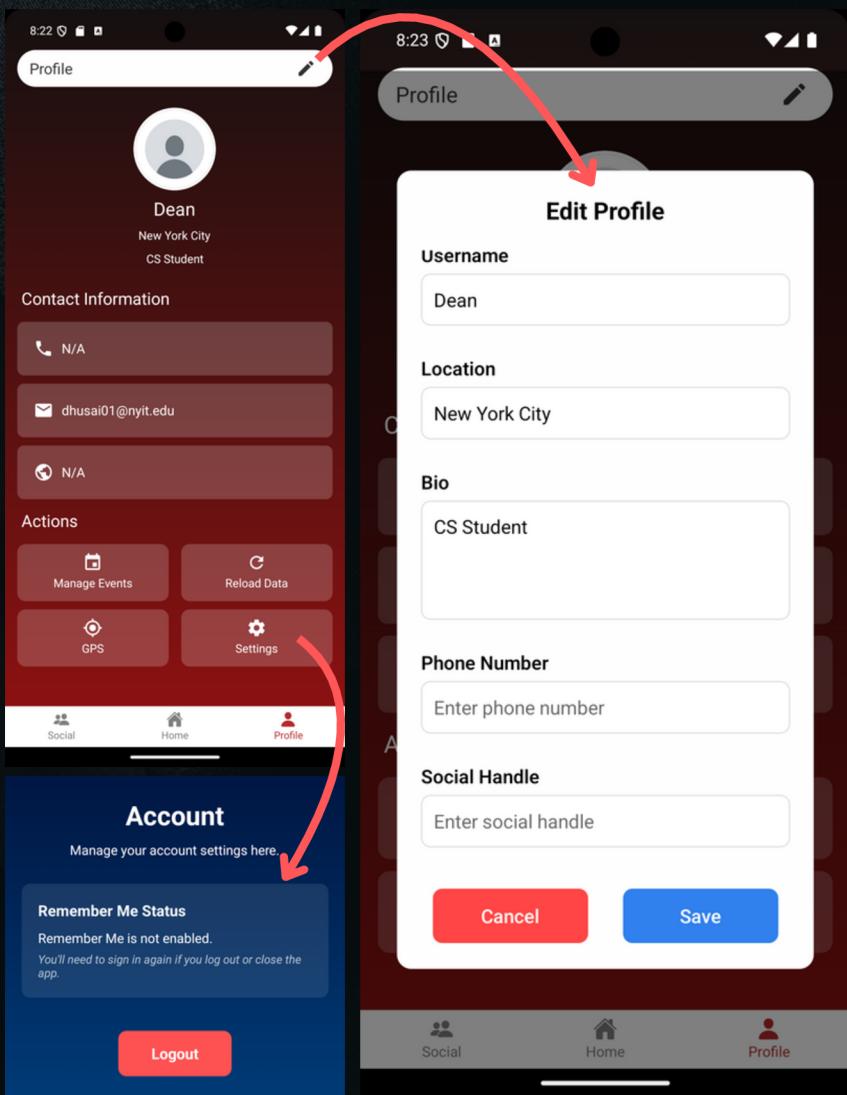
Once a friend is added, you are able to see their profile info by selecting their name from your friends list

FEATURES OVERVIEW CONT.

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PROFILE MANAGEMENT

Your profile page gives an overview of your personal details, which you can update anytime by selecting the pencil icon in the header. Tapping 'Settings' leads to account options including logout and password reset. It also reflects your Remember Me status and contact information.

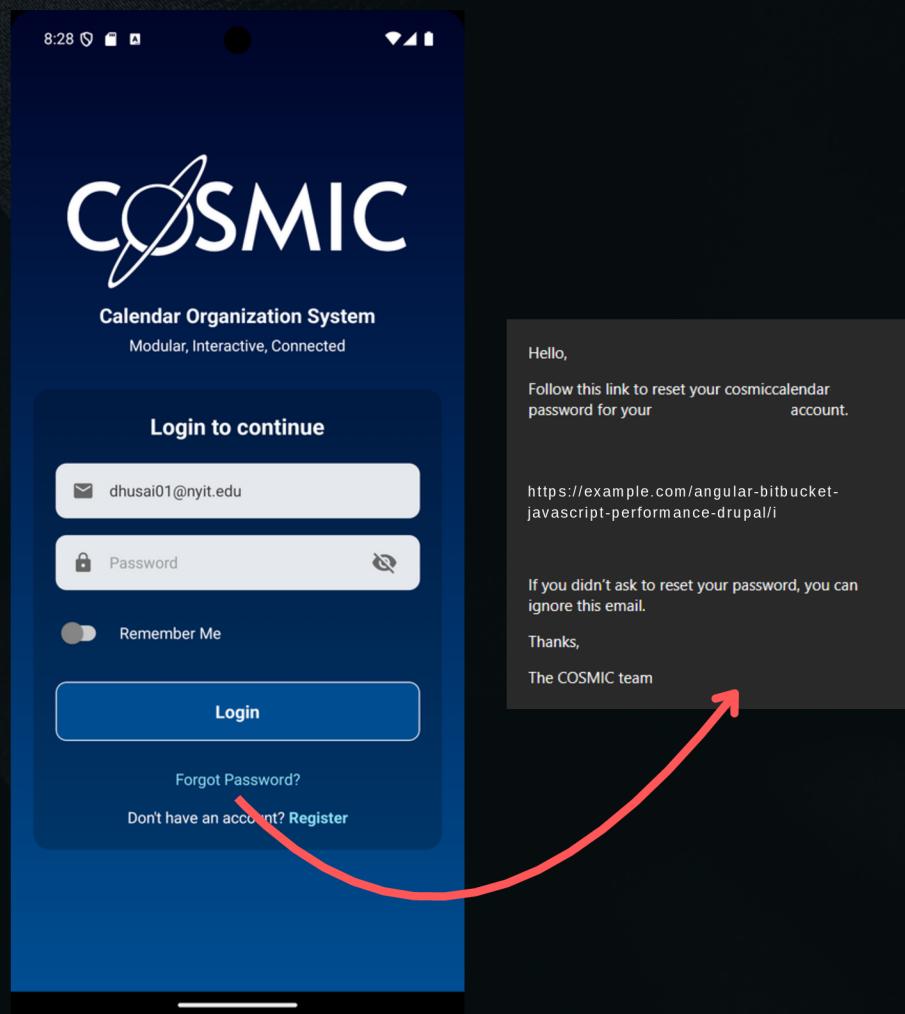


TROUBLESHOOTING

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RESET PASSWORD

If the user forgets their password, or wants to reset it for security purposes, all they need to do is either log out if already logged in, then select the reset password button on the login screen.



FREQUENTLY ASKED QUESTIONS (FAQS)

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Is there support for IOS? - Not yet

Why isn't the map working? - We do not have access to a paid Google Maps API Key

Does the app work offline? - Not at the moment

Does my data require backing up? - No! Everything is stored in our Database on Google Firestore.

Why isn't OCR working? - Currently we do not have an AI API key, and OCR libraries are not up to date.



THANK YOU

Thank you for reading the COSMIC user manual.

Our goal with this manual was to provide you with all the information you need to make COSMIC your ultimate calendar organization system – a truly modular, interactive, and connected way to manage your schedule and connect with friends.

We trust the manual clearly explained how COSMIC enables you to track events in detail, utilize the social feed to share moments with friends, leverage the integrated GPS for effortless navigation, and build connections through the profile system.

We sincerely appreciate you investing the time to read through the guide. We hope it proves to be a valuable resource as you begin using COSMIC!

Sincerely,

The COSMIC Team

Shankalpa Duwadi
Lewi Gao
Dean Husain
Keerthi Kapavarapu
Vincent Zhang