

# Husky Life

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Beihan Zhou, Tong Cai, Zihan Xu, Xuyang Wang

# WHAT IS OUR APP

- Designed for NEU students, aiming to enhance academic productivity and on-campus experience.
- Provides a calendar function to manage to-do lists.
- Provides a task tracker with a built-in timer to monitor time spent on tasks.
- Provides a map function with essential information like public transit routes, campus buildings, and available study rooms.

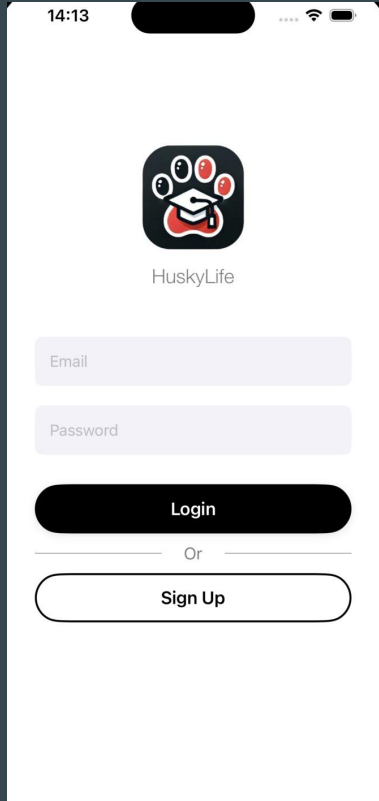
# Target Audience

- Northeastern students seeking a clear, detailed guide to campus navigation integrated with their class schedules.
- Northeastern students striving to cultivate well-planned, continuously evolving personal development.

# SIGNIFICANCE

- Current popular tools are not specifically tailored for Huskies. Students often rely on separate apps like Apple Calendar for scheduling, Google Maps for navigation, and Student Hub for information searches. Our app streamlines all these functionalities into a single, convenient platform.
- Our goal is to simplify life for Huskies. Imagine being able to say goodbye to juggling multiple apps and instead have everything you need in one place. Our app has the potential to be a powerful tool that transforms the daily lives of Huskies.

# Login



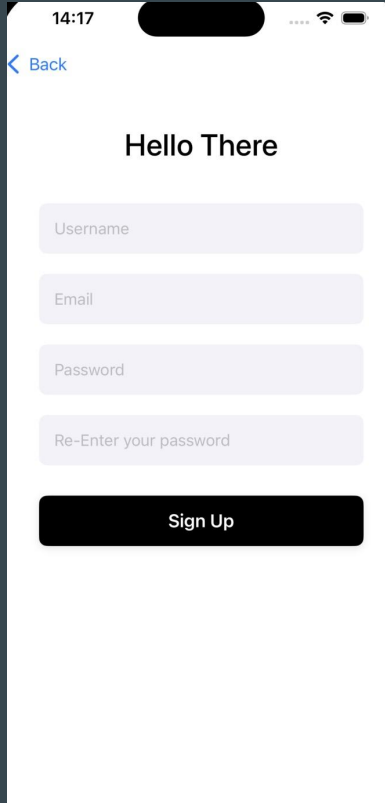
When the user opens the app, the **login screen** is the first thing that appears.

Enter the email and the password, tap "**Login**," and if the credentials are valid, you will be redirected to the main app interface (**home/calendar**).

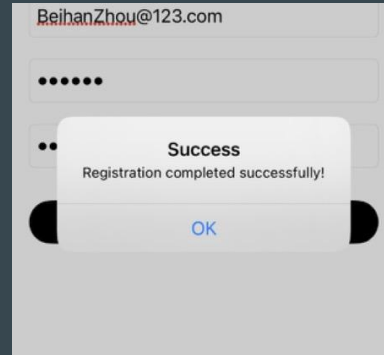
Tapping the "**Sign Up**" button redirects you to the **registration screen** (on next slide).

# Sign Up

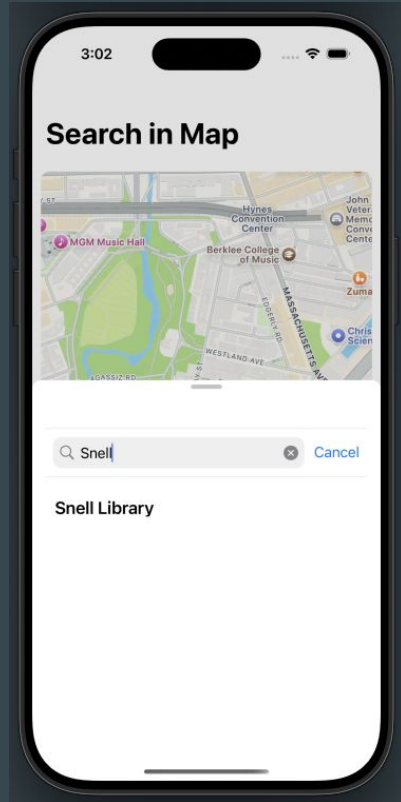
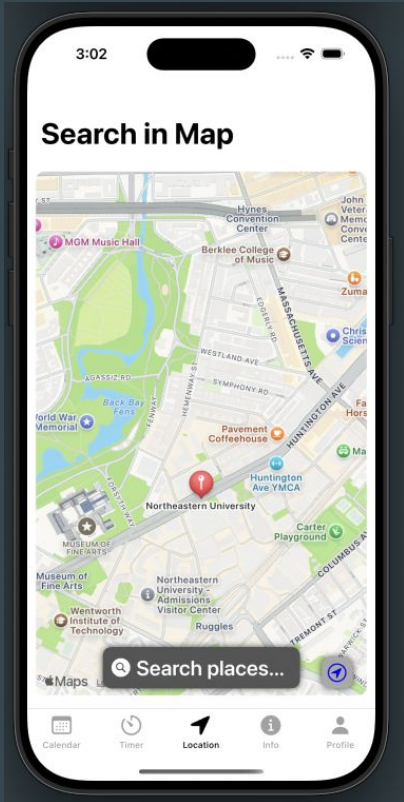
After filling in all fields with valid inputs and tapping on “**Sign up**,” the user receives an alert confirming "Registration Complete" and is then redirected to the **login screen** to log in.



A mobile app interface for signing up. At the top, the status bar shows the time 14:17 and battery level. Below the status bar is a blue back arrow and the text "Back". The main heading is "Hello There". Below the heading are four input fields: "Username", "Email", "Password", and "Re-Enter your password". At the bottom is a black button with the text "Sign Up".

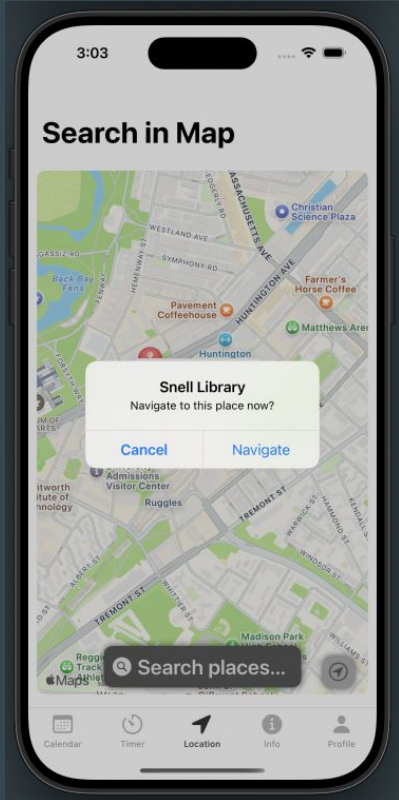


# Map & Info



- The **Map** page can be accessed through the navigation bar at the bottom.
- On the **Map** page, Huskies can easily search for information and locations of campus buildings, shops, study rooms, gyms, parking lots, and restaurants.

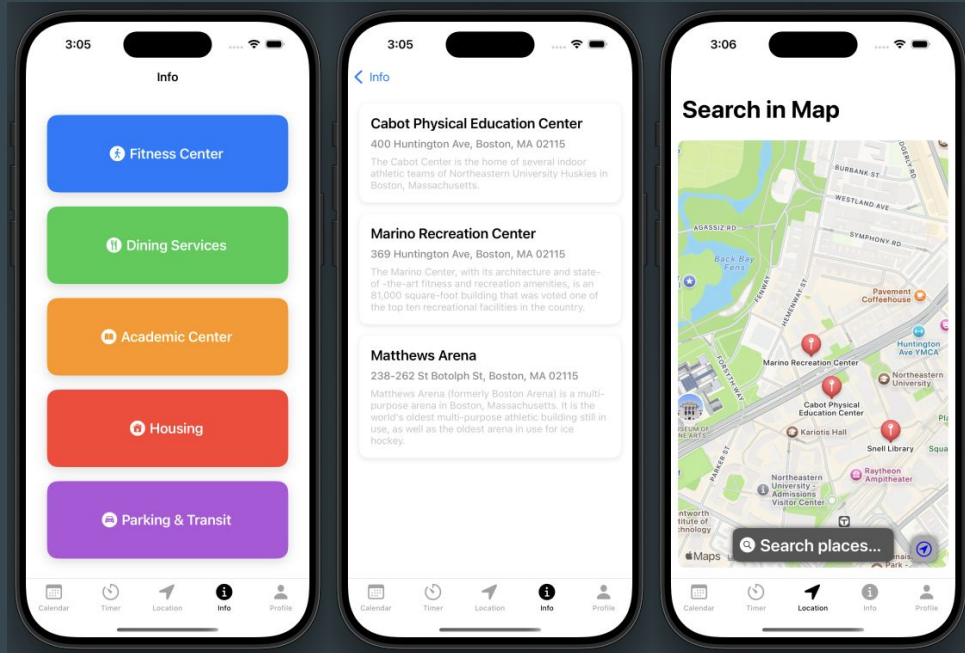
# Map & Info



- Additionally, the **Map** includes a navigation feature that seamlessly integrates with Apple Maps, allowing users to get step-by-step directions to their selected destination with just a tap.

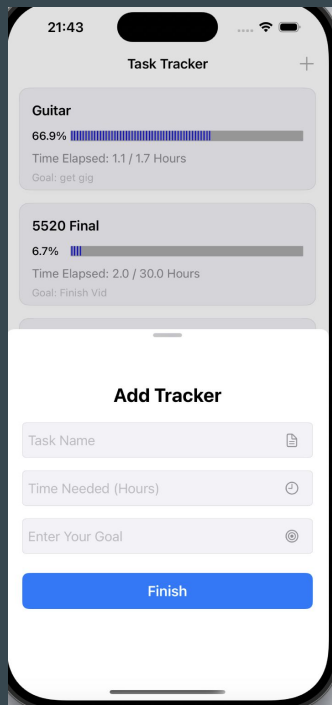
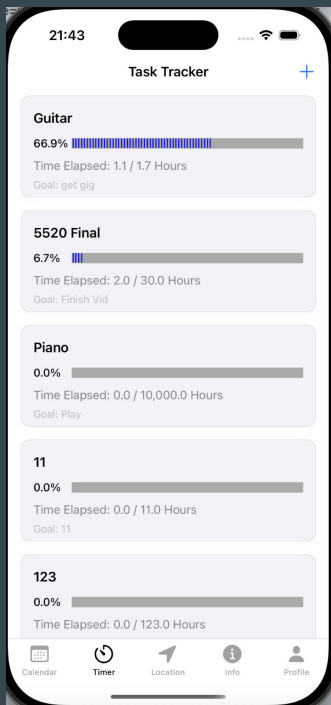


# Map & Info



- **Info** can be accessed from navbar button on the bottom bar.
- Click **Info**'s button, will navigate to a secondary **Info** page which provides the detail information about specific locations.
- On the **Info** page, Huskies can easily search for information and locations of campus buildings, shops, study rooms, transit stops, gyms, parking lots, and restaurants.

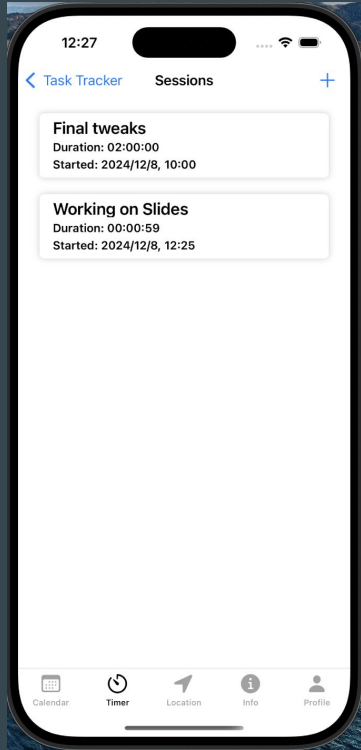
# Task Tracker



Use bottom navigation bar to access the Task Tracker.

Students can add items they want to spend time on as trackers with details like name, goal, and hours they think they need.

# Task Tracker - Sessions

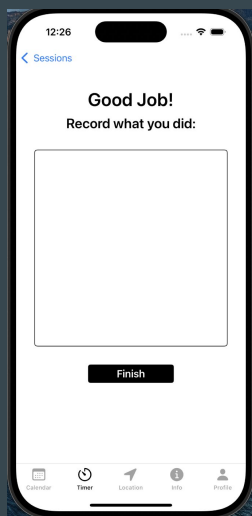
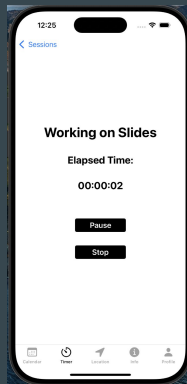
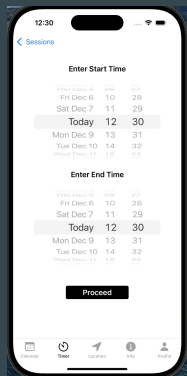
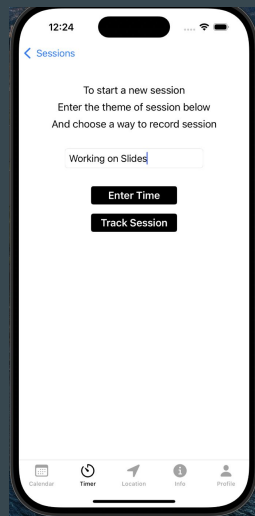


Click on a tracker to see its session screen.

Students can view session details by tapping on them or long tap to see delete options.

Click the button on the top right to start a new session.

# Task Tracker - Sessions



To start a session, enter the theme of the session.

Students can choose to enter the time directly or to track a session.

For entering time there're pickers of start and end time.

For tracking there's a pausable timer.

Finally, the user can enter detail about the session or just leave it empty.

# Future Goals

- Expand the data set of locations
- Delete/change in the calendar
- Link calendar events to locations
- Goal setting in the tracker
- Analysis of time usage and calendar
- Improve user experience and UI

# Sensors

- **Camera + Photo Roll** access for uploading profile picture and possibly for progress tracking.
- **Location** access for campus navigation.



# BackEnd & Database

- **Auth**: We'll use **Firestore Authentication** for login and signup.
- **Navigation** : We'll use **Google Maps API** for navigation to task locations.
- **Calendar & Tracker & Info**: Data for scheduled tasks, progress tracking, and buildings' info will be stored and managed in **Firestore Database**.
- **Database** : We'll use **Firestore Database** to store all the data.

# Rough Timeline

SignUp, Login, Profile

10/15 - 11/05



Tracker, Calendar

11/05 - 11/20



Styling & Project Sync

11/26 - 12/04

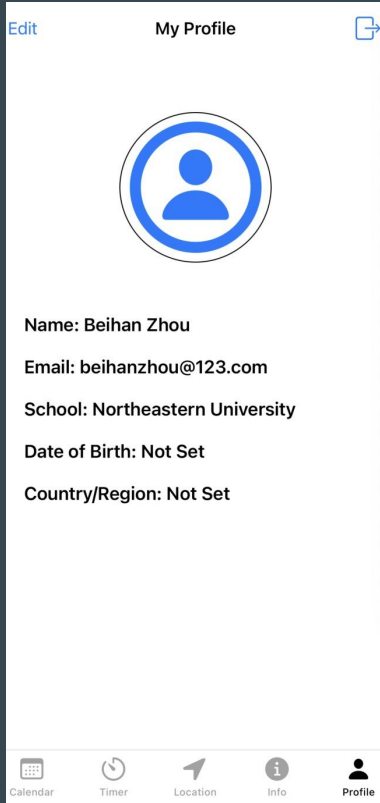


Navigation, Info

11/05 - 11/25



# Profile




When the user navigates to the **profile screen** by tapping the “**My Profile**” button in the nav bar, their basic profile information is displayed.

If they haven't set up their profile, **a default profile** is automatically created using the username and email provided during registration.

Tapping **the Edit button** at the top-left corner redirects the user to the **edit profile screen**(on next slide).

# Edit Profile

< My Profile








Name:

Email:

Date of Birth:

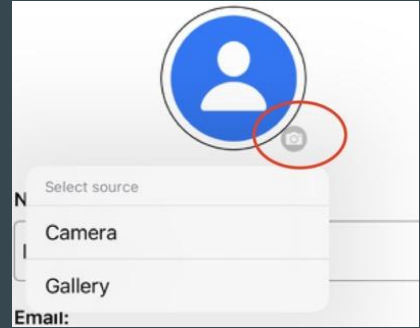
Country/Region:

**Save Changes**

 Calendar  Timer  Location  Info  Profile

The placeholders in the fields display the current profile information.

Tapping the **camera icon** allows the user to **upload a photo** from the gallery or **take a new one** using the camera.




Tapping the **Date of Birth text field** allows the user to **select a date** from a drop-down date picker.



(continue on the next slide)

# Edit Profile

< My Profile



Name:  
Beihan Zhou

Email:  
beihanzhou@123.com

Date of Birth:  
Not Set

Country/Region:  
Not Set

Save Changes

Calendar Timer Location Info Profile

Tapping the **Country/Region** field allows the user **choosing a country or region** from the list.


(Continue on next slide)

Select Country/Region

Bermuda
Bhutan
Bolivia
Bosnia & Herzegovina
Botswana
Bouvet Island
Brazil
British Virgin Islands
Brunei
Bulgaria
Burkina Faso
Burundi
Cambodia
Cameroon
Canada
Canary Islands

# Edit Profile

< My Profile



Name:

Email:

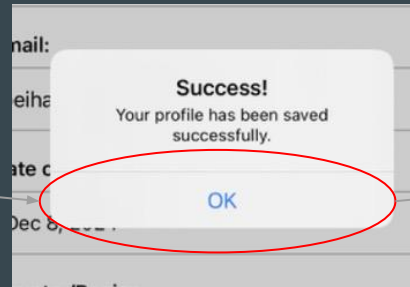
Date of Birth:

Country/Region:


**Save Changes**

Calendar Timer Location Info Profile

After updating the information in each field with valid inputs, pressing the “**Save changes**” button alerts the user that the changes have been saved successfully and redirects them to the **My Profile page** with all information updated.



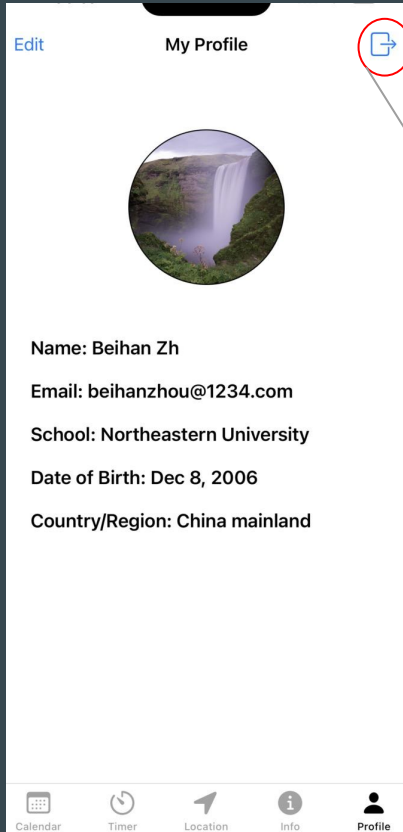
Edit My Profile



Name: Beihaan Zh  
Email: beihanzhou@1234.com  
School: Northeastern University  
Date of Birth: Dec 8, 2006  
Country/Region: China mainland

Calendar Timer Location Info Profile

# Logout



On the last screen of our app (My Profile), tapping the **logout** icon in the top-right corner **signs the user out** and redirects them to the **Login screen**.

