Derek Kim

iOS & Flutter Developer

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github.com/derekhskim

WORK EXPERIENCE

Flutter Developer - The Finest Artist   Aug 2022 – Present
- Developed Sleep Timer mobile application from scratch with experienced professionals, including a Google engineer and a Woowa Bros designer by participating in daily engineering sprints and weekly product team meetings.
- Developed most of the UI with various custom views: expandable floating sheet, expandable toggle item, and etc.
- Implemented key features including media control, notifications, shared preferences, and localizations.
- Designed and implemented user onboarding experience: user guide pages, in-app review dialog, and permission handling.

PROJECT

iOS Developer - MKTFY   Jan 2023 – Apr 2023
- Developed an entire marketplace iOS app including sign in/up process, forget password, marketplace homepage, filtering/categorizing/searching products, product detail, product upload/delete, my listing, notifications, and etc.
- Worked with designers, backend developers, and PMs and applied agile methodology with Jira and daily scrum.
- Designed APIs with colleague developers and developed a custom network management system to handle communication with the backend server.
- Used various frameworks and toolkits including UIKit, Coordinator, PhotosUI, MessageUI, Kingfisher, and Auth0
- Created multiple custom views that are widely reused such as drop down, alerts, image carousel, and image picker.

iOS Developer - Tip Calculator   Apr 2023 – Apr 2023
- Developed the entire app in MVVM design pattern and used Combine, UIKit, SnapKit, and AVFoundation.
- Used CombineCocoa and Snapshot to unit test codes, app screens, and use case scenarios.

iOS Developer - Stock Average & Profit Calculator   Dec 2022 – Feb 2023
- Developed the entire app and implemented stacks, forms, navigation controls, and tabs by using SwiftUI.
- Used StoreKit to implement in-app purchase and integrated Google Ads for banner advertisement.

Flutter Developer - Calendar Scheduler   Dec 2022 – Jan 2023
- Developed the entire app and implemented bottom sheet, custom text fields, schedule cards and banners.
- Used SQLite with third-party libraries, Drift, to store data: user's schedule and other personalized settings.

Flutter Developer - Pitch Perfect   May 2022 – Jul 2023
- Developed the entire app and deployed the app to both Google Play and Apple App Store with more than 1K downloads.
- Integrated Pitch Detector, Pitch Up, and Flutter Audio Capture to perfectly detect the human voice and instrument pitch.

EDUCATION

iOS Developer Bootcamp - Launchpad by Vog   Jan 2023 – Apr 2023
Completed an immersive iOS bootcamp program, and gained hands-on experience in advanced iOS development.

Related courses: *Swift programming, Git, MVC/MVVM design pattern, Jira product management, communicating with APIs, concurrency programming, push notifications, UIKit and SwiftUI, debugging and unit testing*

Seattle Central College - Associate's of Arts - Business Administration   Sep 2014 – Jun 2016
Graduated with GPA: 3.92 - Dean's List | President's List

COURSES & CERTIFICATION

Took 8 online programming courses and received 8 certifications: linkedin.com/in/derekhskim/details/certifications

SKILLS

iOS Development   iOS, Swift, Xcode, UIKit, SwiftUI, Combine, Snapshot, Core Data
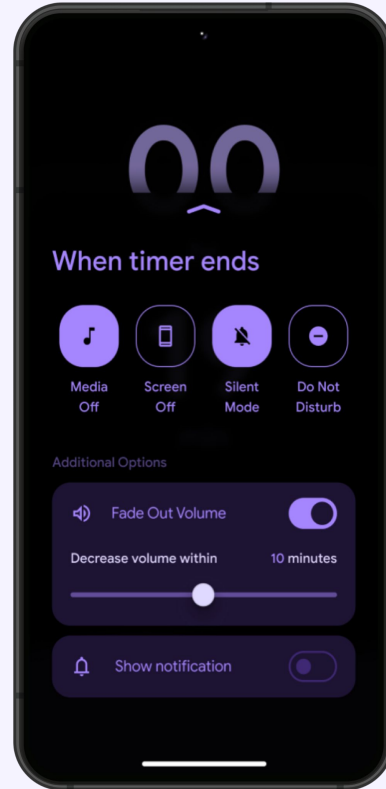**Flutter Development**   Flutter, Dart, Android Studio, Riverpod
Tools and Frameworks Git, Firebase, Jira, Python, Flask

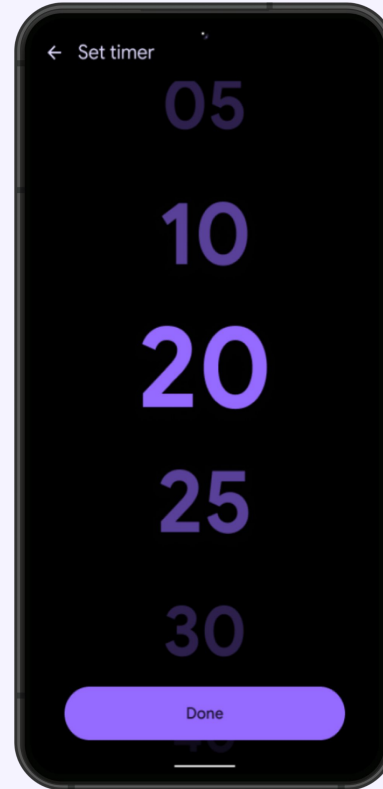# Sleep Timer (Download App from Play Store)

Sleep Timer is a timer application that turns off music, video, screen, or put the device on silent mode and do not disturb mode.
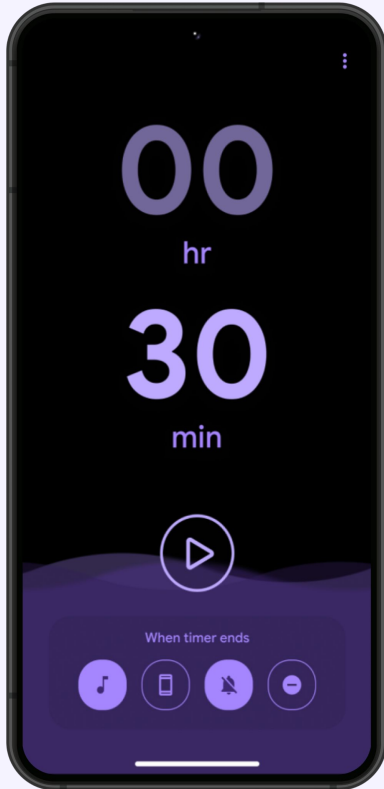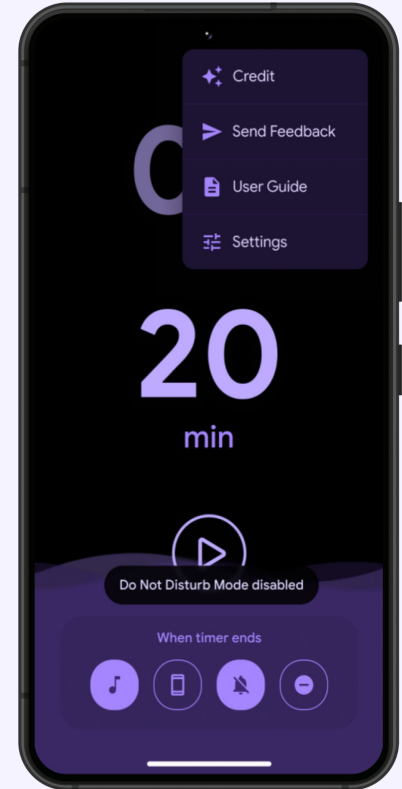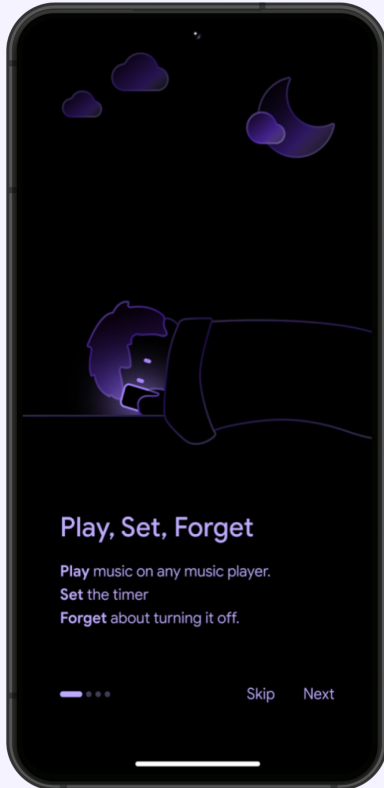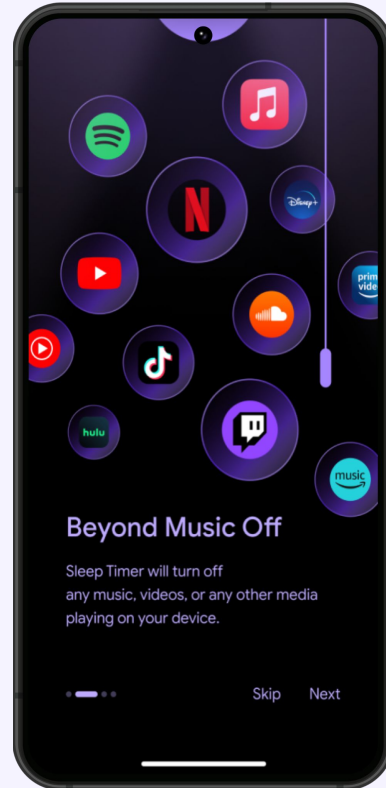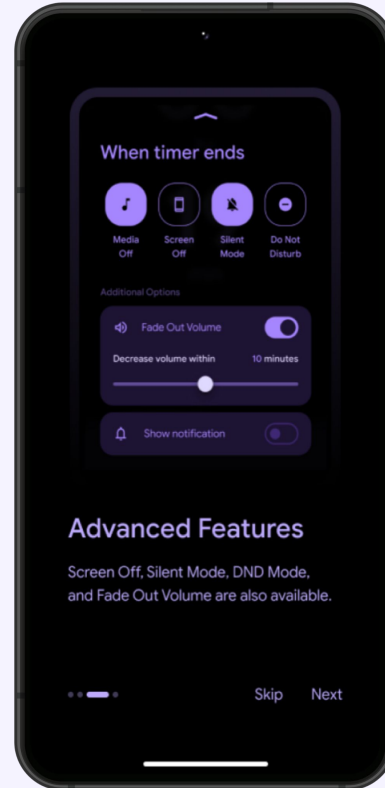

Home

Settings

Time Picker

Popup Menu

Sleep Timer

Onboarding Flow: Onboarding pages greets new users along with a thorough walkthrough of the application's features.
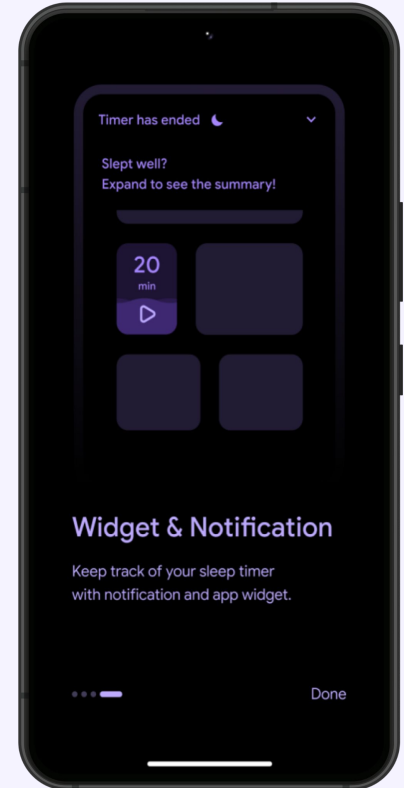
Play, Set, Forget

Play music on any music player.
Set the timer
Forget about turning it off.

Skip   Next

User Guide - Page 1

Beyond Music Off

Sleep Timer will turn off
any music, videos, or any other media
playing on your device.

Skip   Next

User Guide - Page 2

When timer ends

Media Off   Screen Off   Silent Mode   Do Not Disturb

Additional Options

Fade Out Volume

Decrease volume within   10 minutes

Show notification

Advanced Features

Screen Off, Silent Mode, DND Mode,
and Fade Out Volume are also available.

Skip   Next

User Guide - Page 3

Timer has ended

Slept well?
Expand to see the summary!

20
min

Widget & Notification

Keep track of your sleep timer
with notification and app widget.

Done

User Guide - Page 4

MKTFY - Market 4 You! (Open Source: Github)

Login Flow: Splash Screen, User Login Page, Account Registration, Creating Password, and Forget Password page.
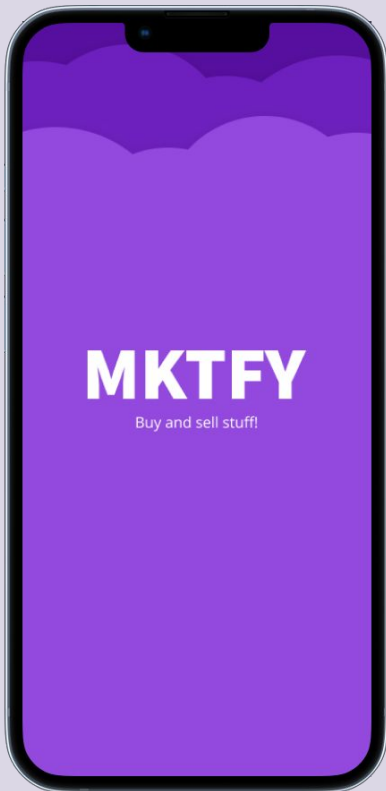
Splash Screen
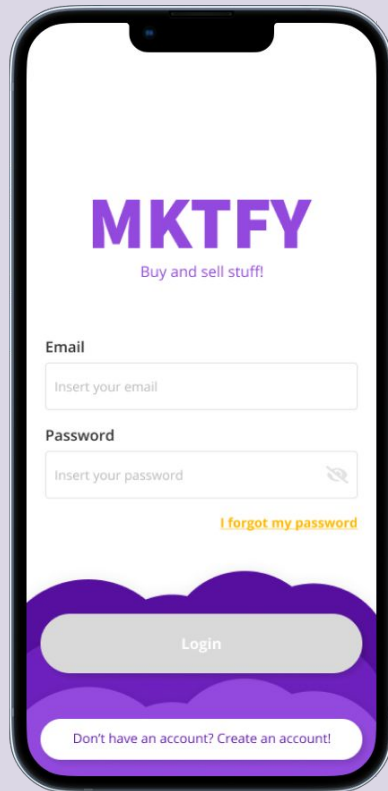
Login Page
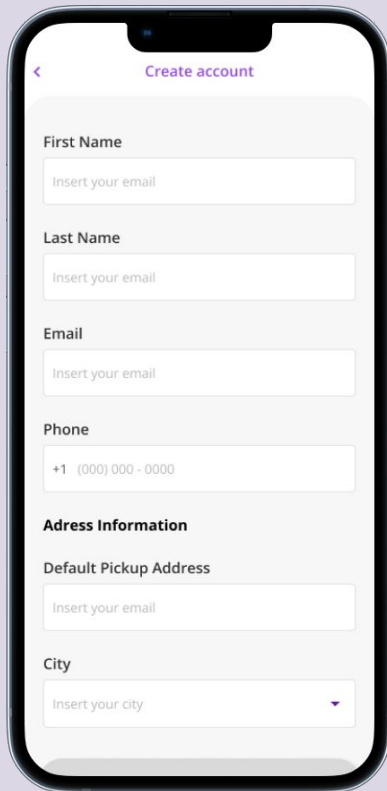
Account Registration
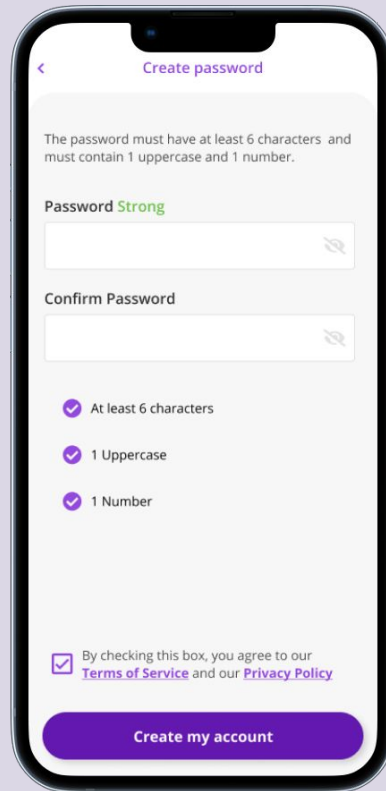
Create Password

MKTFY - Market 4 You! (Open Source: Github)

Dashboard and Purchase: Main Dashboard page with searchable features by keyword, category and city, Product Details, Checkout and Pickup Information page.
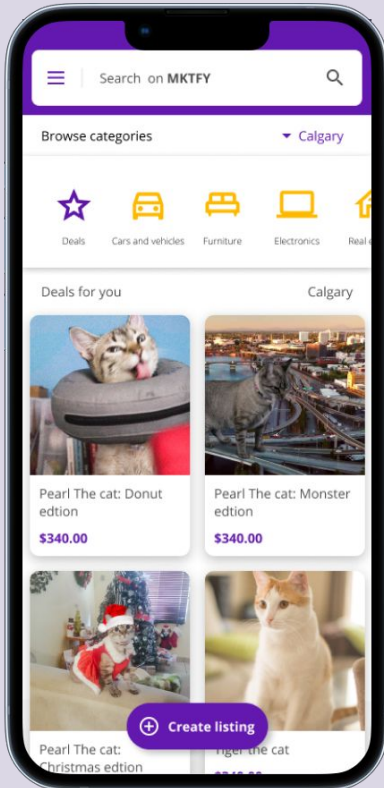
Dashboard
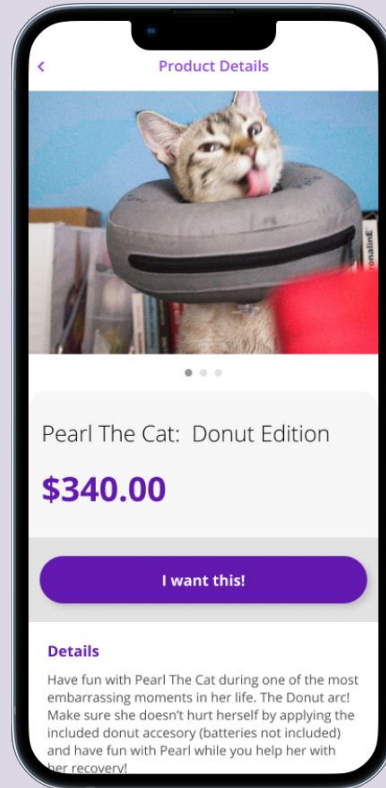
Product Details
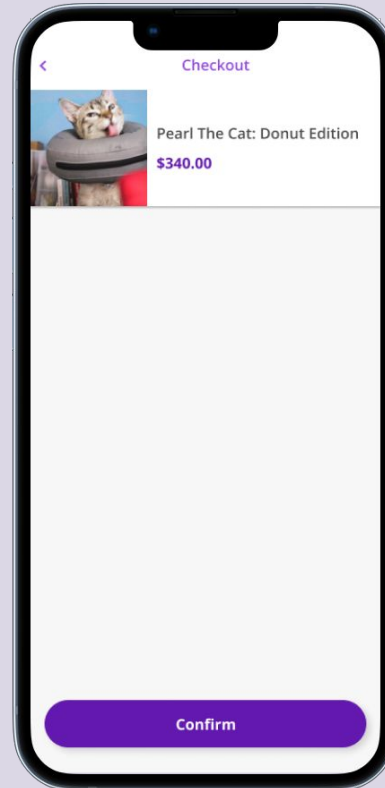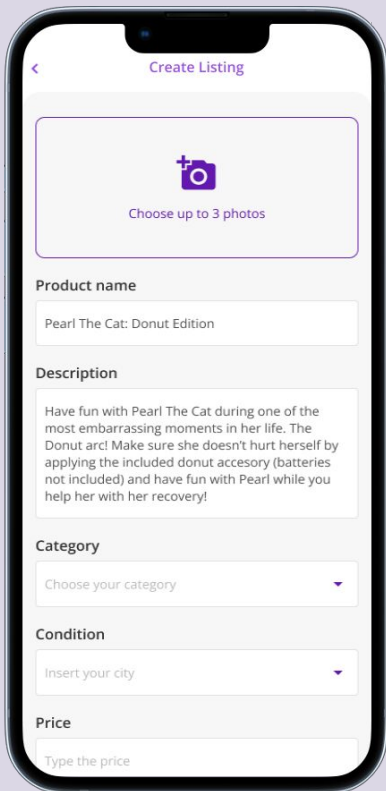
Checkout
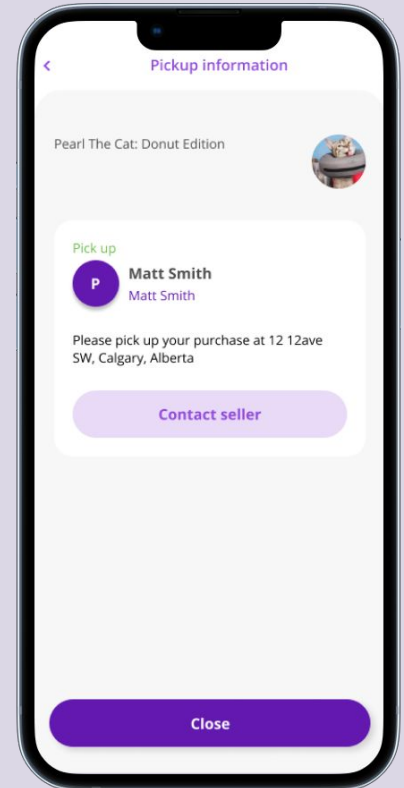
Pickup Information
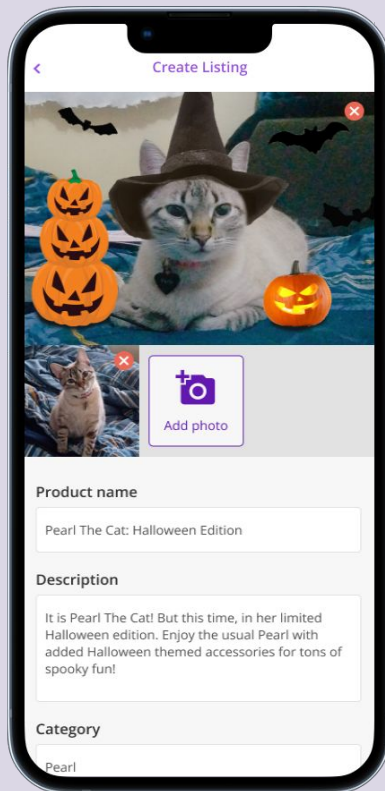
MKTFY - Market 4 You!

Create Listing: Create Listing with or without images, Confirmation page and My Listing Detail page.

Create Listing

Create Listing w/ Images

Confirmation Animation

My Listing Detail

MKTFY - Market 4 You! (Open Source: Github)

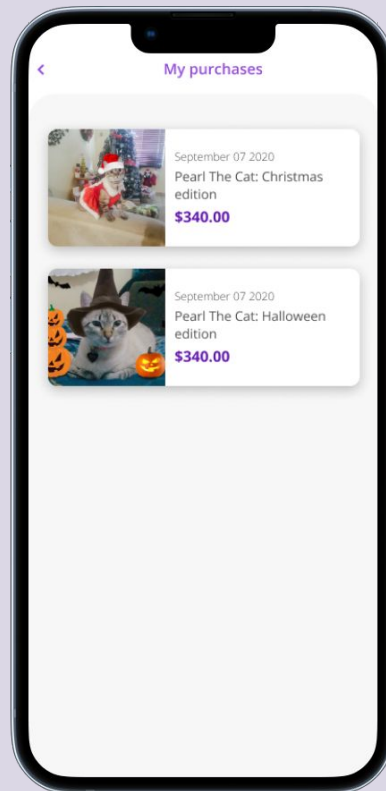**Menu and Listings**: Dashboard Menu, and list of user's own listings and purchases.
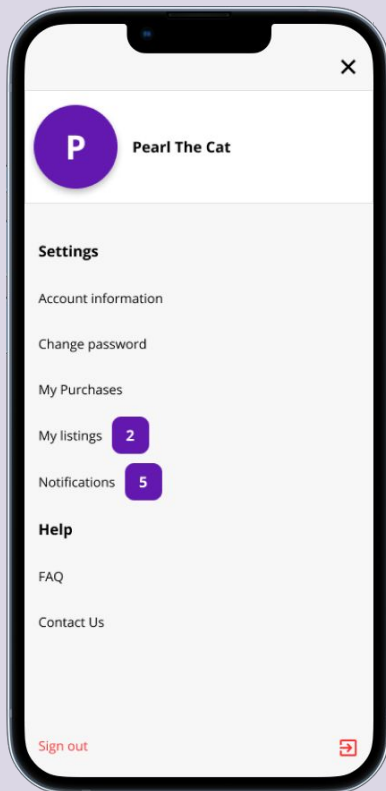
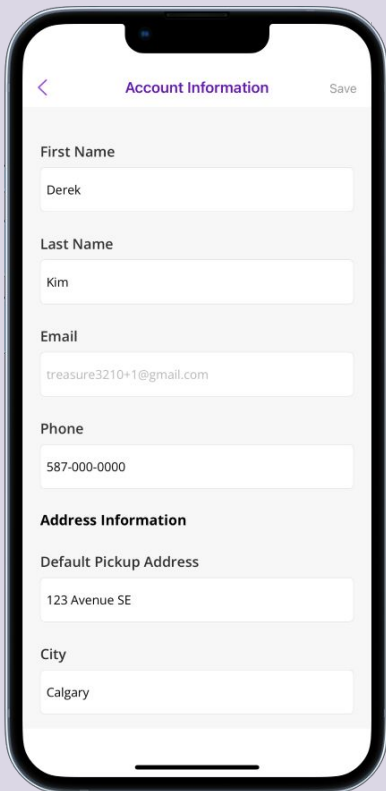**Dashboard Menu**
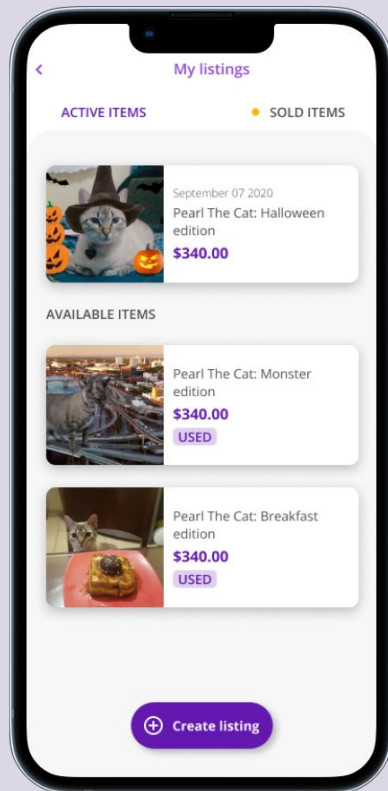
My Listings - Available
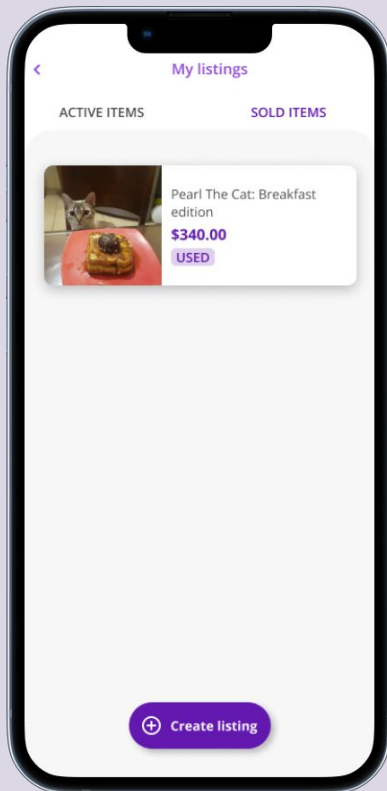
My Listings - Sold

My Purchases

MKTFY - Market 4 You! (Open Source: Github)

Account Information: Account Information (change user information), Update Password, Notifications, and Contact Us page.

Account Information
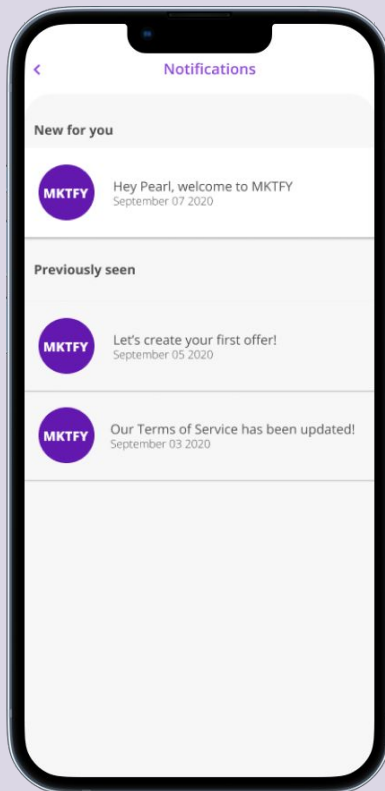
Update Password

Notifications

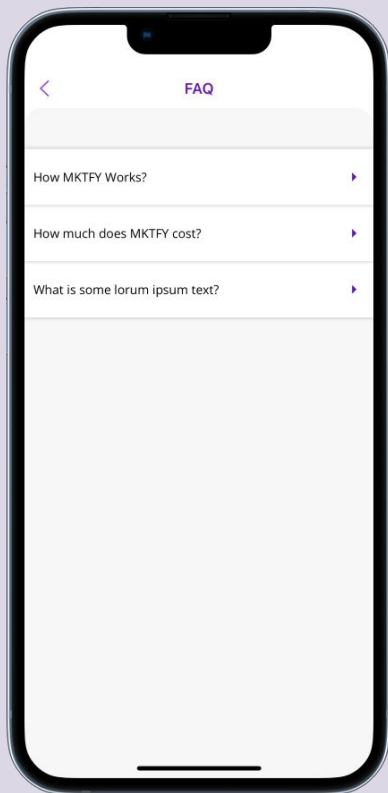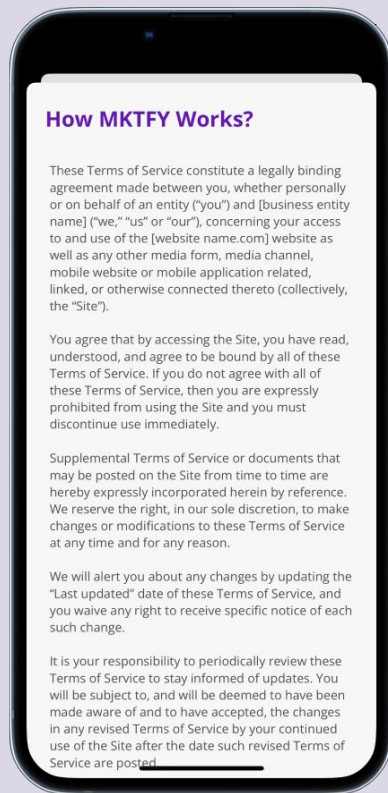**Contact Us**

MKTFY - Market 4 You! (Open Source: Github)

FAQ: List of FAQs are managed in the admin panel and displayed directly on the user's screen.
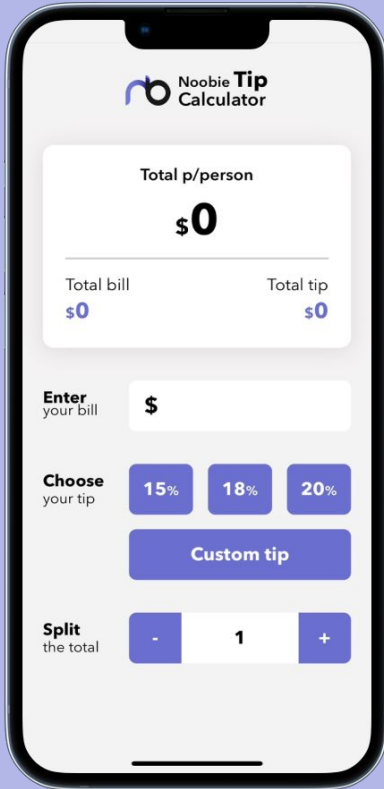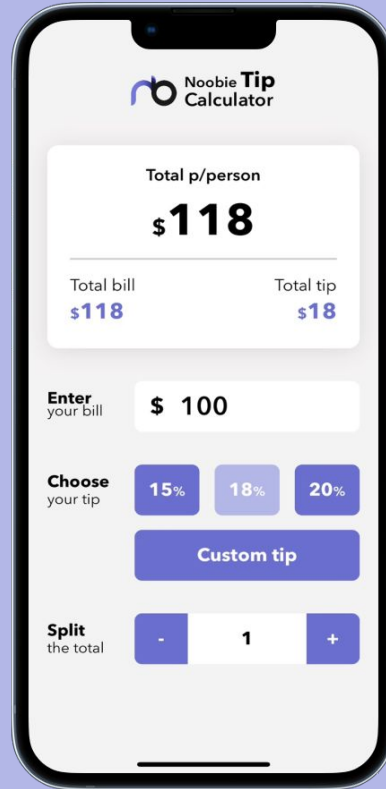

FAQ Questions List

FAQ

How MKTFY Works?

How much does MKTFY cost?

What is some lorum ipsum text?

FAQ Answer Page

How MKTFY Works?

These Terms of Service constitute a legally binding agreement made between you, whether personally or on behalf of an entity ("you") and [business entity name] ("we," "us" or "our"), concerning your access to and use of the [website name.com] website as well as any other media form, media channel, mobile website or mobile application related, linked, or otherwise connected thereto (collectively, the "Site").

You agree that by accessing the Site, you have read, understood, and agree to be bound by all of these Terms of Service. If you do not agree with all of these Terms of Service, then you are expressly prohibited from using the Site and you must discontinue use immediately.

Supplemental Terms of Service or documents that may be posted on the Site from time to time are hereby expressly incorporated herein by reference. We reserve the right, in our sole discretion, to make changes or modifications to these Terms of Service at any time and for any reason.

We will alert you about any changes by updating the "Last updated" date of these Terms of Service, and you waive any right to receive specific notice of each such change.

It is your responsibility to periodically review these Terms of Service to stay informed of updates. You will be subject to, and will be deemed to have been made aware of and to have accepted, the changes in any revised Terms of Service by your continued use of the Site after the date such revised Terms of Service are posted.
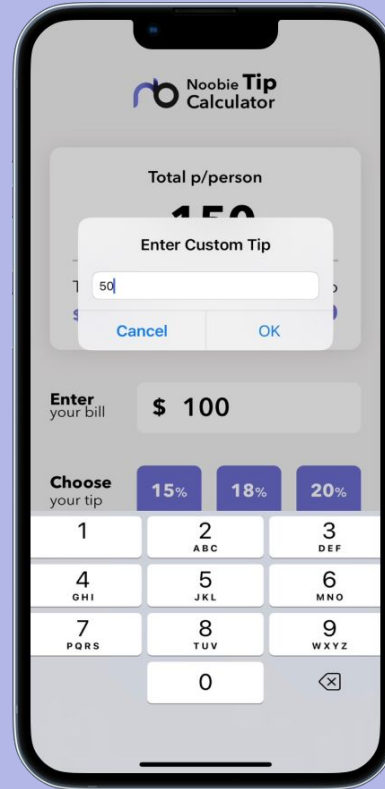
Tip Calculator

Tip Calculator is an app that calculates the tip from the given total amount.

Home

Tip Calculation

Custom Tip Input

Stock Average & Profit Calculator (Open Source: Github)

Stock Average & Profit Calculator is a SwiftUI app which can be used to calculate average and profit from user's stock portfolio.

Home - Average Calculator

Home - Profit Calculator

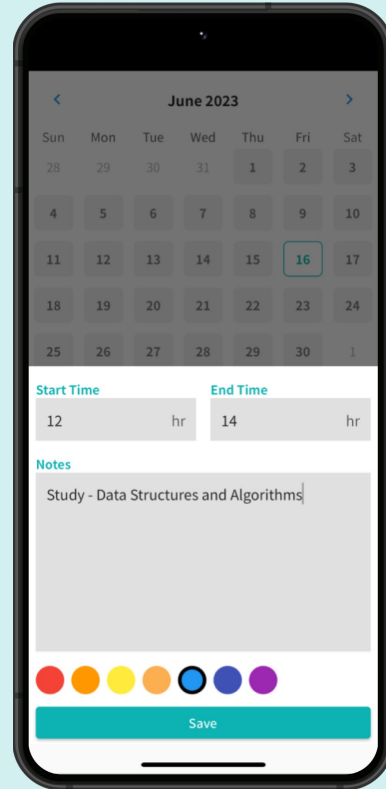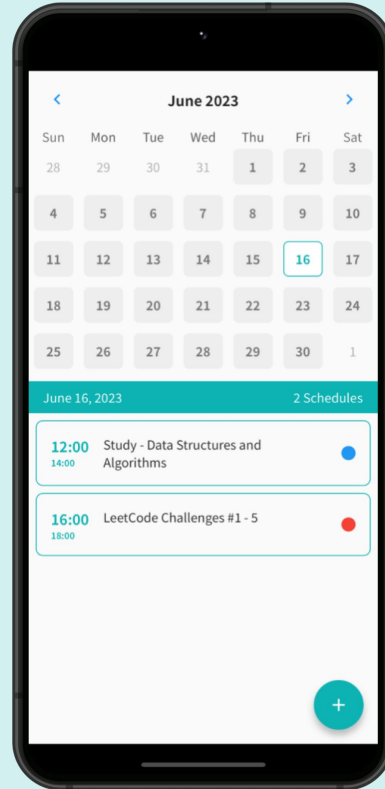**Tip Store View**

Calendar Scheduler

Calendar Scheduler is an app where user can perform CRUD operations of their own schedules/tasks.
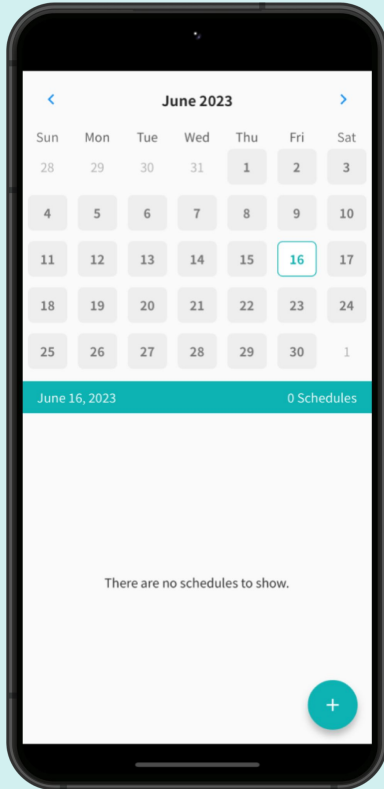
Main

Add Schedule

Main - Schedule Card List

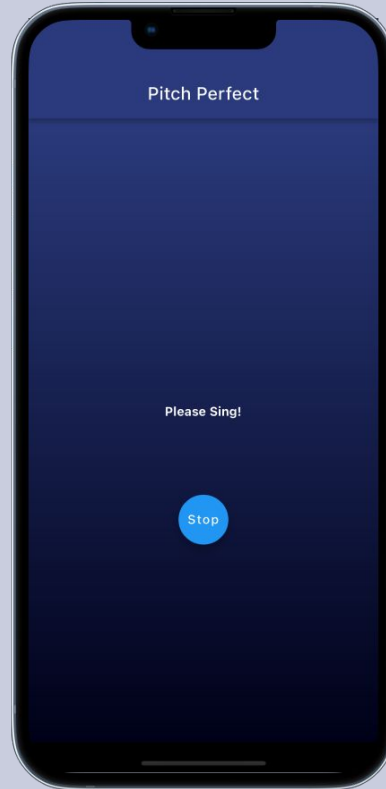# Pitch Perfect (Download App from App Store & Play Store, Open Source: Github)
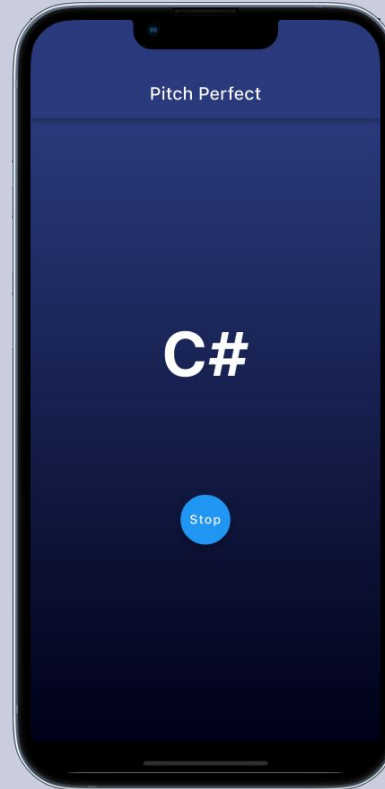
Pitch Perfect is an application that can detect the pitch of the human voice and/or instruments, and it provides the corresponding note in a music scale.

Main

Pitch Detection Started

Returns a Note