

# Installation

Then, install the necessary package dependencies (only if testing from zip. Users installing For Evergreen from the app store do not need to install these):

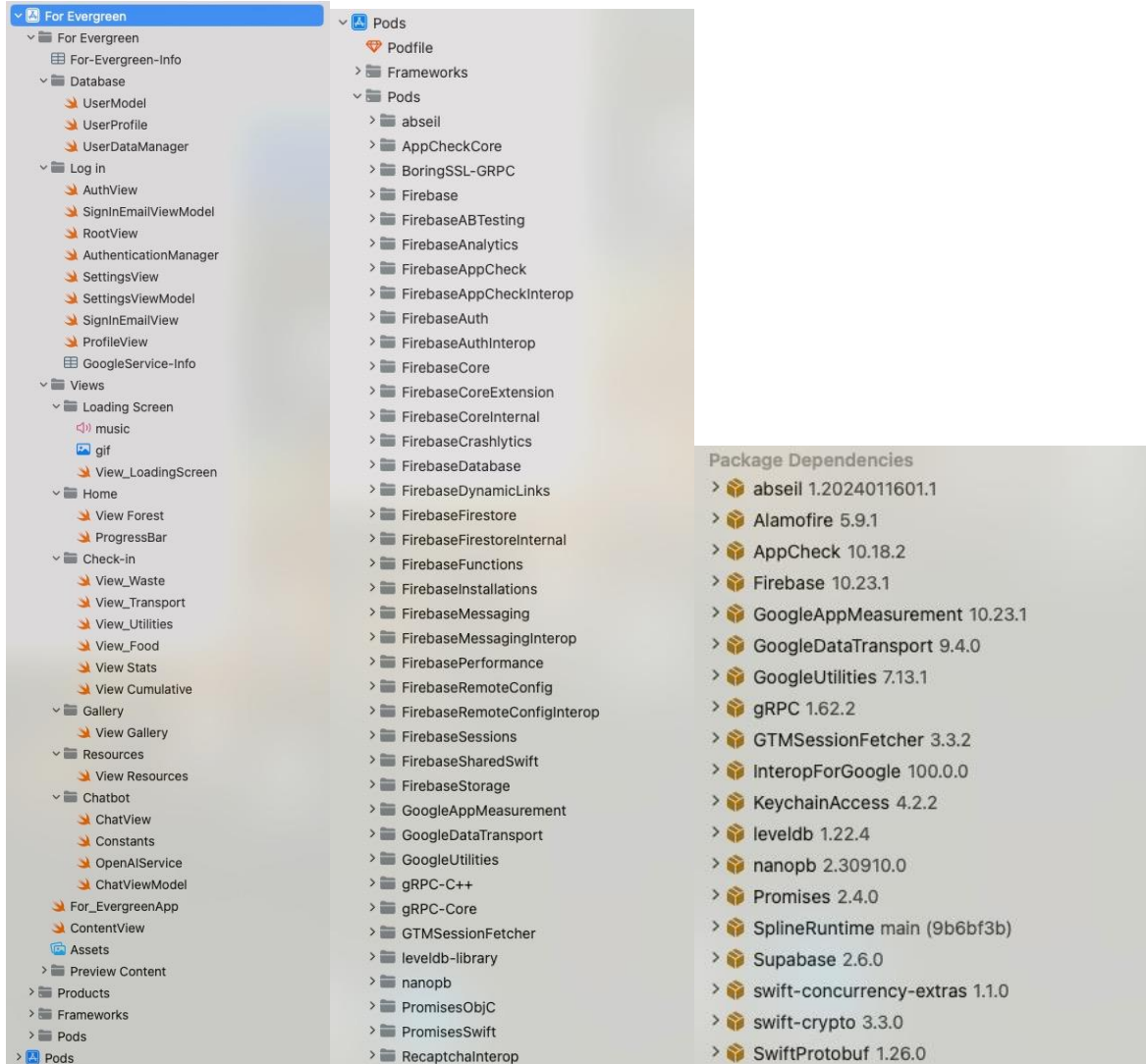
<https://developer.apple.com/documentation/xcode/adding-package-dependencies-to-your-app>

<https://github.com/firebase/firebase-ios-sdk>

Instructions on how to install Cocoapods: <https://guides.cocoapods.org/using/getting-started.html>

<https://github.com/Alamofire/Alamofire>

Your XCode project should now look like this:




The screenshot displays the Xcode project structure for 'For Evergreen'. The project is organized into several groups and files:

- For Evergreen**
  - For-Evergreen-Info
  - Database
    - UserModel
    - UserProfile
    - UserDataManager
  - Log in
    - AuthView
    - SignInEmailViewModel
    - RootView
    - AuthenticationManager
    - SettingsView
    - SettingsViewModel
    - SignInEmailView
    - ProfileView
    - GoogleService-Info
  - Views
    - Loading Screen
      - music
      - gif
      - View\_LoadingScreen
    - Home
      - View Forest
      - ProgressBar
    - Check-in
      - View\_Waste
      - View\_Transport
      - View\_Uilities
      - View\_Food
      - View Stats
      - View Cumulative
    - Gallery
      - View Gallery
    - Resources
      - View Resources
    - Chatbot
      - ChatView
      - Constants
      - OpenAIService
      - ChatViewModel
    - For\_EvergreenApp
    - ContentView
    - Assets
    - Preview Content
    - Products
    - Frameworks
    - Pods
- Pods**
  - Podfile
  - Frameworks
  - Pods
    - abseil
    - AppCheckCore
    - BoringSSL-GRPC
    - Firebase
    - FirebaseABTesting
    - FirebaseAnalytics
    - FirebaseAppCheck
    - FirebaseAppCheckInterop
    - FirebaseAuth
    - FirebaseAuthInterop
    - FirebaseCore
    - FirebaseCoreExtension
    - FirebaseCoreInternal
    - FirebaseCrashlytics
    - FirebaseDatabase
    - FirebaseDynamicLinks
    - FirebaseFirestore
    - FirebaseFirestoreInternal
    - FirebaseFunctions
    - FirebaseInstallations
    - FirebaseMessaging
    - FirebaseMessagingInterop
    - FirebasePerformance
    - FirebaseRemoteConfig
    - FirebaseRemoteConfigInterop
    - FirebaseSessions
    - FirebaseSharedSwift
    - FirebaseStorage
    - GoogleAppMeasurement
    - GoogleDataTransport
    - GoogleUtilities
    - gRPC-C++
    - gRPC-Core
    - GTMSessionFetcher
    - leveldb-library
    - nanopb
    - PromisesObjC
    - PromisesSwift
    - RecaptchaInterop

**Package Dependencies**

- abseil 1.2024011601.1
- Alamofire 5.9.1
- AppCheck 10.18.2
- Firebase 10.23.1
- GoogleAppMeasurement 10.23.1
- GoogleDataTransport 9.4.0
- GoogleUtilities 7.13.1
- gRPC 1.62.2
- GTMSessionFetcher 3.3.2
- InteropForGoogle 100.0.0
- KeychainAccess 4.2.2
- leveldb 1.22.4
- nanopb 2.30910.0
- Promises 2.4.0
- SplineRuntime main (9b6bf3b)
- Supabase 2.6.0
- swift-concurrency-extras 1.1.0
- swift-crypto 3.3.0
- SwiftProtobuf 1.26.0

The assets should prepopulate automatically. Please ensure that you have all the assets listed below:

 AccentColor

 **AppIcon**

 Aqua

 article four

 article one

 article three

 article two


 blue


 blueBox


 car

 chatbot1

 chatbot2

 crispebacon


 darkGreen

 faucet


 food


 lock

 logos


 music


 orangeBox


 purpleBox

 redBox

 start

 stats


 teagreen


 trash


 tree1


 tree2


 tree3


 tree4


 tree5


 tree6


 tree7

 tree8

 video four

 video one

 video three

 video two

# App Features

## Sign-in/Login Page

Create a new sign-in OR use credentials from the last time you logged in. You will not be able to sign up with an email you previously used.

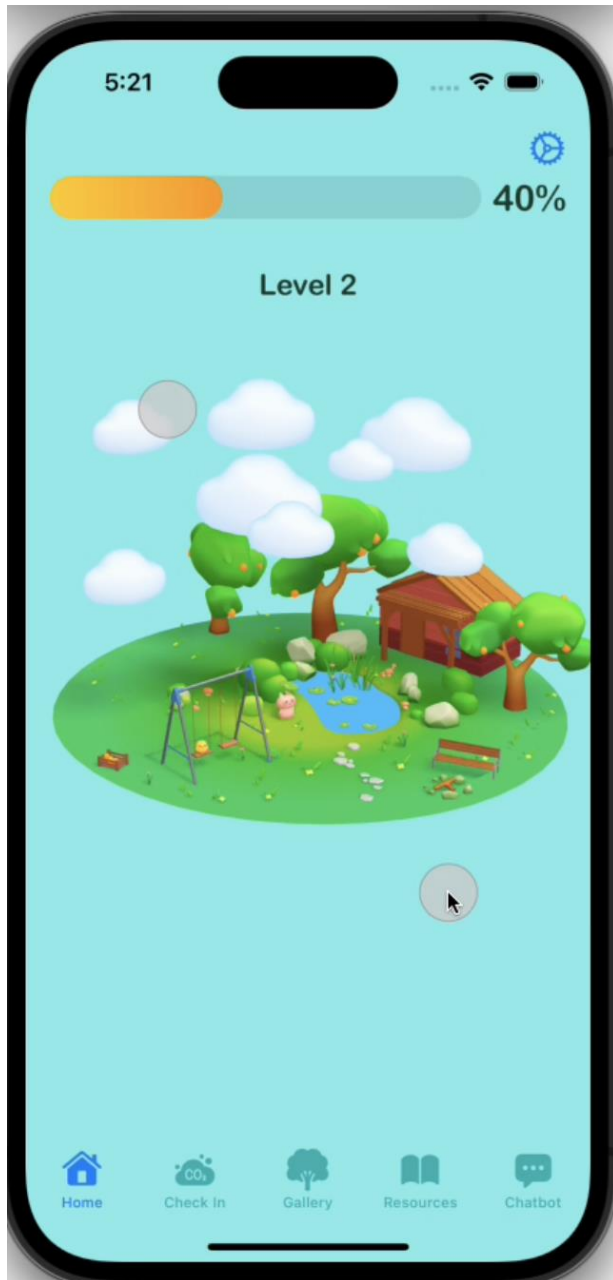


Feel free to use this test sign in as well:

Email: [Test1@gmail.com](mailto:Test1@gmail.com)

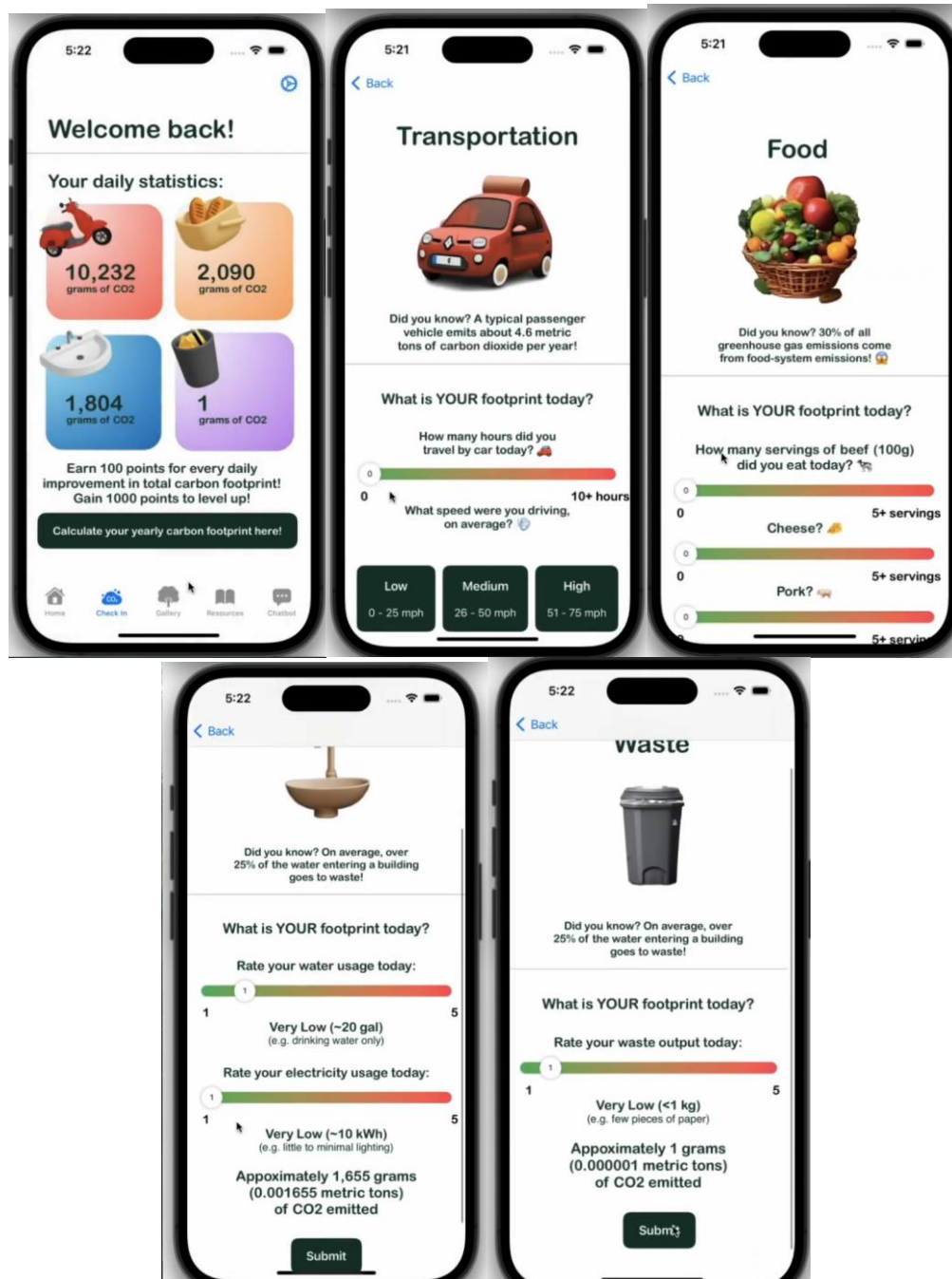
Password: ilovetrees

## Home Page



On the home page, you can see your personal island as well as your current level. Say hi to Lily, the For Evergreen mascot!

## Check-in Pages (Daily)



Here, you can keep track of the carbon outputs of your daily activities. Don't forget to press submit to save your results to your account!

## Check-in Pages (Annual)



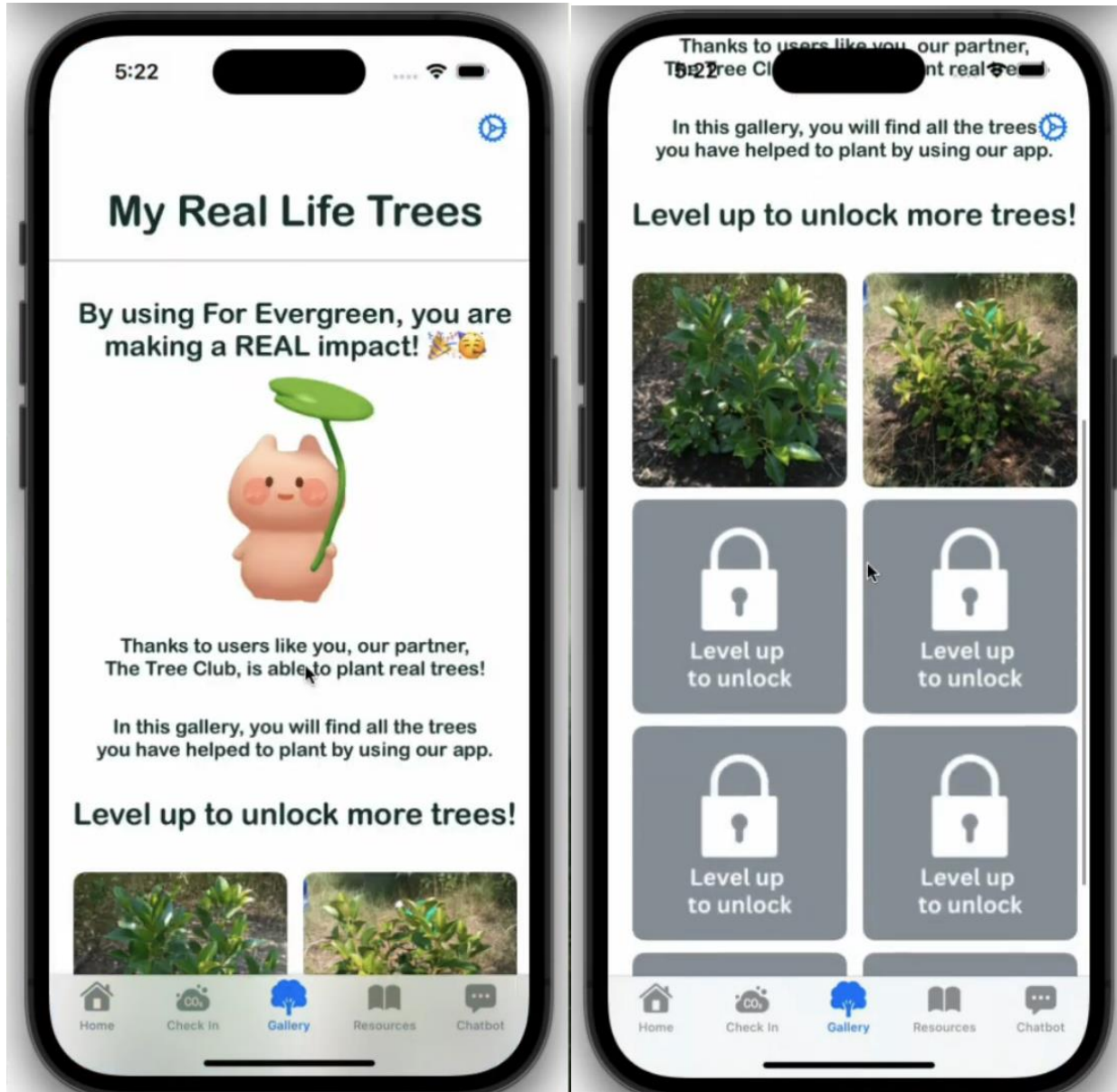
The image shows a smartphone screen with the following elements:

- Top status bar: 5:22, signal strength, Wi-Fi, and battery icons.
- Back button: A blue arrow pointing left with the text "Back".
- Title: "Annual Carbon Calculations:" in bold black text.
- Illustration: A cute, orange, round character holding a green lily pad on a long stem.
- Text: "Use this calculator to accurately calculate your yearly carbon footprint!"
- Form fields:
  - Label: "Enter your electricity bill ⚡ from last month:"
  - Input field: "ex. 120 or 321.76"
  - Submit button: "Submit"
  - Label: "Enter your natural gas bill 🔥 from last month:"
  - Input field: "ex. 120 or 321.76"
  - Submit button: "Submit"

Here, you can get a more comprehensive view of your carbon output by inputting your electricity, natural gas, and water bill to get an idea of your annual carbon footprint.



## Gallery Page



Here, you can see all of the real trees that you helped to plant! Each level unlocks a new tree planted by volunteers at The Tree Club, a nonprofit we are currently partnered with.

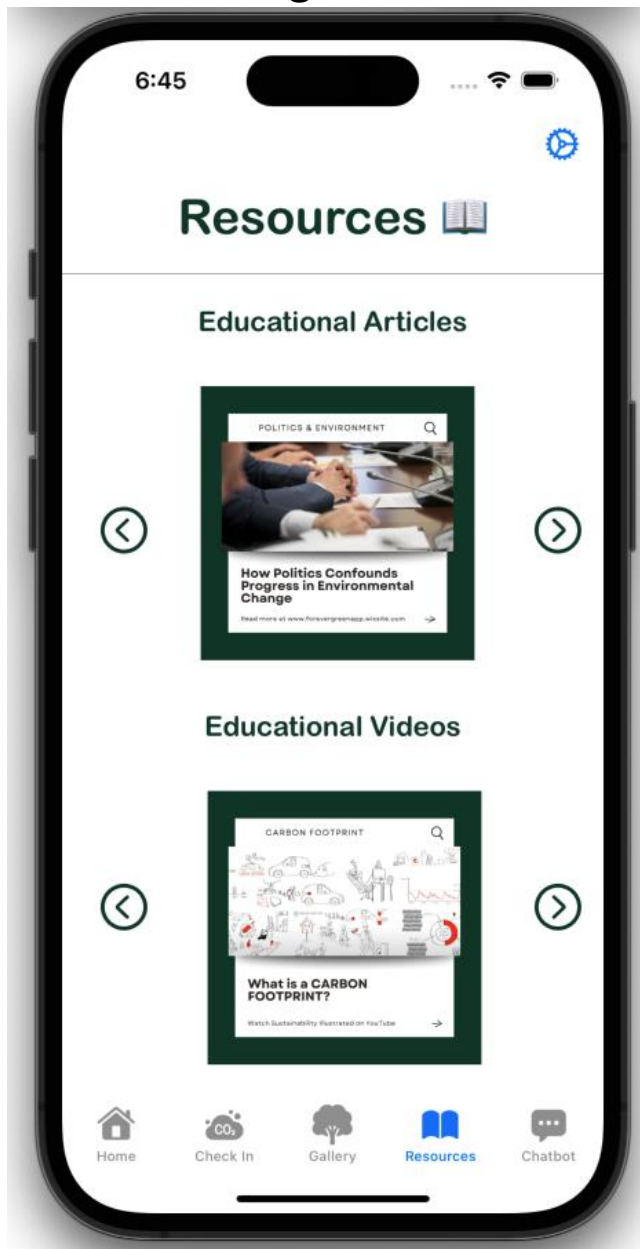


## Chatbot Page



Ask any questions you have to our chatbot! You can ask your questions in any language.

## Resources Page



Here, you can find researched articles as well as external articles and videos to further your education on climate change!



# Thanks for using For Evergreen!

Learn more about For Evergreen and our mission:

[https://www.canva.com/design/DAF\\_N50Xw\\_k/r3lezDdz\\_6usMdU2qEXZ-A/edit?utm\\_content=DAF\\_N50Xw\\_k&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAF_N50Xw_k/r3lezDdz_6usMdU2qEXZ-A/edit?utm_content=DAF_N50Xw_k&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

<https://forevergreenapp.wixsite.com/forevergreen>