

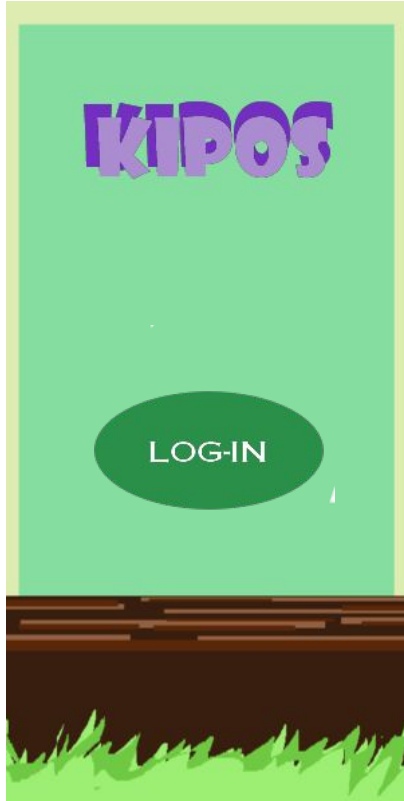
KIPOS



Enter your Virtual Garden

By: Levi Kenley, Erika Hamilton, Emory Tibbetts

Summary Of Project



To help plant owners with plant care and diagnosing their plants' ailments.

KIPOS Users Can:

- Set up a virtual garden corresponding to their real life garden**
- Get reminded of when it's time to take care of plants**
- Diagnose plant ailments by taking a picture of their plant and running it through a machine-learning database to find out what is wrong!**

THE TEAM

Levi Kenley - A Computing in the Arts Major with a concentration in game development. Avid Plant Enthusiast.

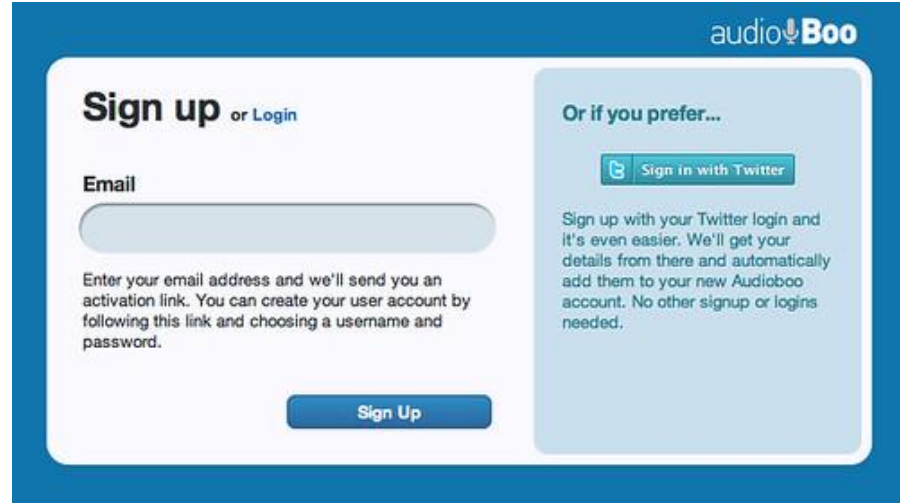
Erika Hamilton - A Computer Science, Astronomy, and Physics Major. Tired of her plants dying.

Emory Tibbetts - A Computing in the Arts Major with a concentration in game development as well as a Classics Minor. Needs help keeping fish alive let alone plants.



Activity 1 - Logging in on the Main Page

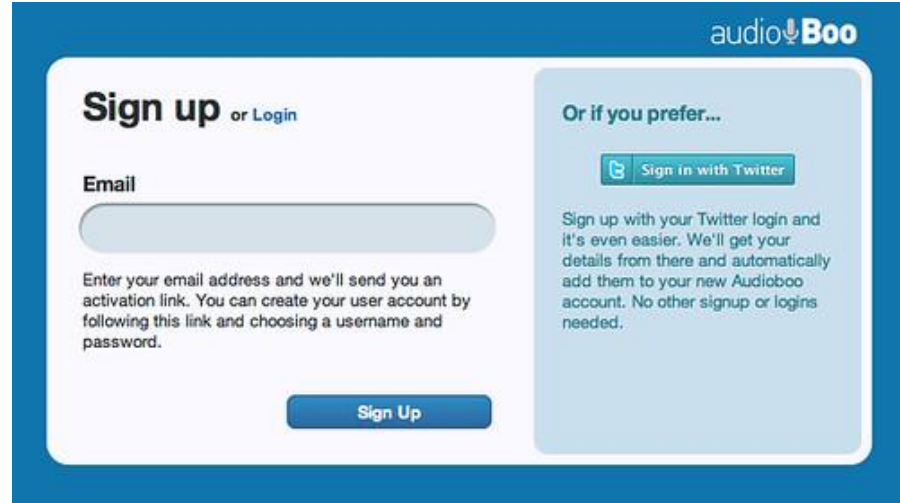
Upon launching the application, users are greeted with our landing page where they have an option to sign in and enter their virtual garden. **This is our 3rd Party Authentication Service.**



The screenshot shows the 'audioBoo' login and sign-up interface. The header 'audioBoo' is in the top right corner. The main heading is 'Sign up or Login'. On the left, there is an 'Email' label above a text input field. Below the input field, a paragraph states: 'Enter your email address and we'll send you an activation link. You can create your user account by following this link and choosing a username and password.' At the bottom of this section is a blue 'Sign Up' button. On the right, under the heading 'Or if you prefer...', there is a 'Sign in with Twitter' button featuring the Twitter logo. Below this button, a paragraph explains: 'Sign up with your Twitter login and it's even easier. We'll get your details from there and automatically add them to your new Audioboo account. No other signup or logins needed.'

Activity 2 - Calendar Functionality

Enter your plant data and the **calendar activity will remind you by sending notifications** for when to water, weed/prune, and fertilize, and harvest your plants. View and set up your garden here.



The screenshot shows the 'audioBoo' sign-up interface. The header 'audioBoo' is in the top right corner. The main heading is 'Sign up or Login'. Below this, there is an 'Email' label and a text input field. A paragraph of text explains the email sign-up process: 'Enter your email address and we'll send you an activation link. You can create your user account by following this link and choosing a username and password.' A 'Sign Up' button is located at the bottom of this section. To the right, under the heading 'Or if you prefer...', there is a 'Sign in with Twitter' button with the Twitter logo. Below this button, a paragraph explains the Twitter login process: 'Sign up with your Twitter login and it's even easier. We'll get your details from there and automatically add them to your new Audioboo account. No other signup or logins needed.'

audioBoo


Sign up or Login

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Sign Up

Or if you prefer...

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Activity 3 - Diagnosing Ailments

Using an API, we are able to diagnose plants by using our **implemented camera feature** that runs it through the Plant.ID API and returns what the database thinks is wrong with the plant or if the plant is healthy!



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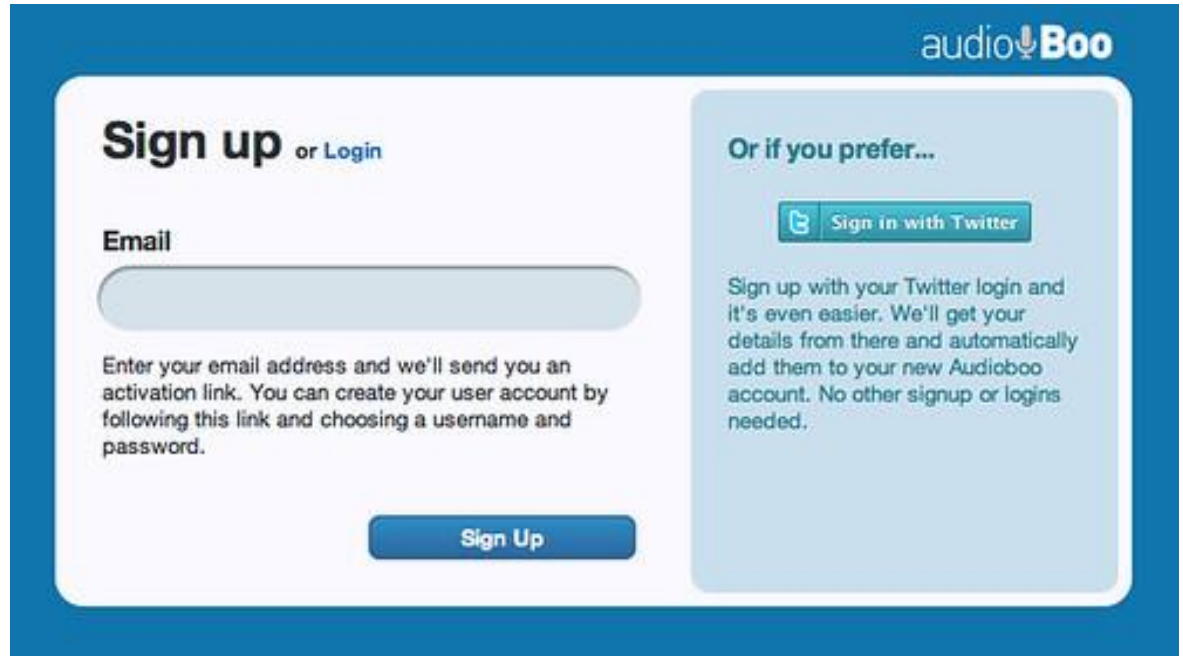
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Tests - Unit Test

For our unit test, we tested:



The screenshot shows the Audioboo sign-up interface. At the top right is the 'audioBoo' logo. The main heading is 'Sign up or Login', with 'or Login' in a smaller, blue font. Below this is an 'Email' label and a light blue rounded input field. Under the input field, a paragraph explains that users will receive an activation link and can create an account by following the link and choosing a username and password. A blue 'Sign Up' button is positioned at the bottom right of this section. To the right, a light blue box titled 'Or if you prefer...' contains a 'Sign in with Twitter' button (featuring the Twitter logo) and a paragraph explaining that users can sign up using their Twitter login, which will automatically add details to their new Audioboo account, eliminating the need for other signups or logins.

audioBoo

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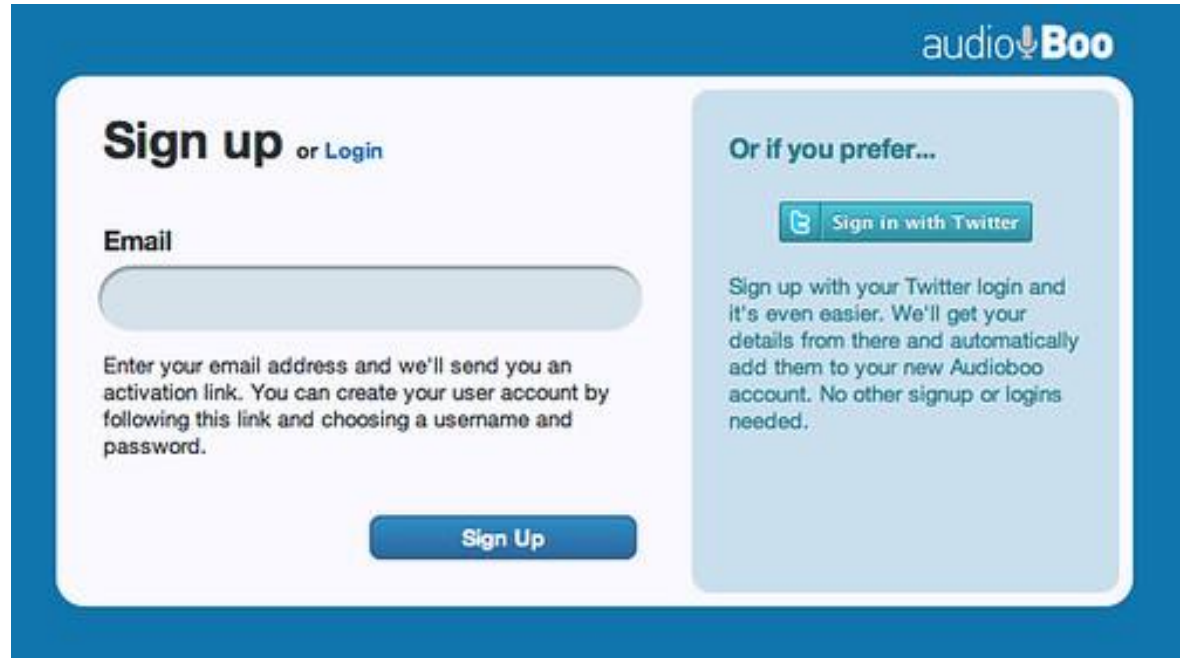
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Tests - Integration Test

**For our integration test,
we tested:**



The screenshot shows the Audioboo sign-up interface. It features a blue header with the 'audioBoo' logo. The main content area is white with rounded corners. On the left, there's a 'Sign up or Login' section. The 'Sign up' part includes an 'Email' label, a text input field, and a paragraph of instructions: 'Enter your email address and we'll send you an activation link. You can create your user account by following this link and choosing a username and password.' Below this is a blue 'Sign Up' button. To the right, there's a light blue box titled 'Or if you prefer...'. It contains a 'Sign in with Twitter' button with the Twitter logo and a paragraph: 'Sign up with your Twitter login and it's even easier. We'll get your details from there and automatically add them to your new Audioboo account. No other signup or logins needed.'

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LIVE DEMO

ACKNOWLEDGEMENTS

Thank you Hassam for the class!

Credits:

- Plant.ID API
- IconScout.Com for Icons
- INSERT GARDEN IMAGES' SOURCE
FOR BEGINNING OF VIDEO HERE

