

Alarm Buddy Demo

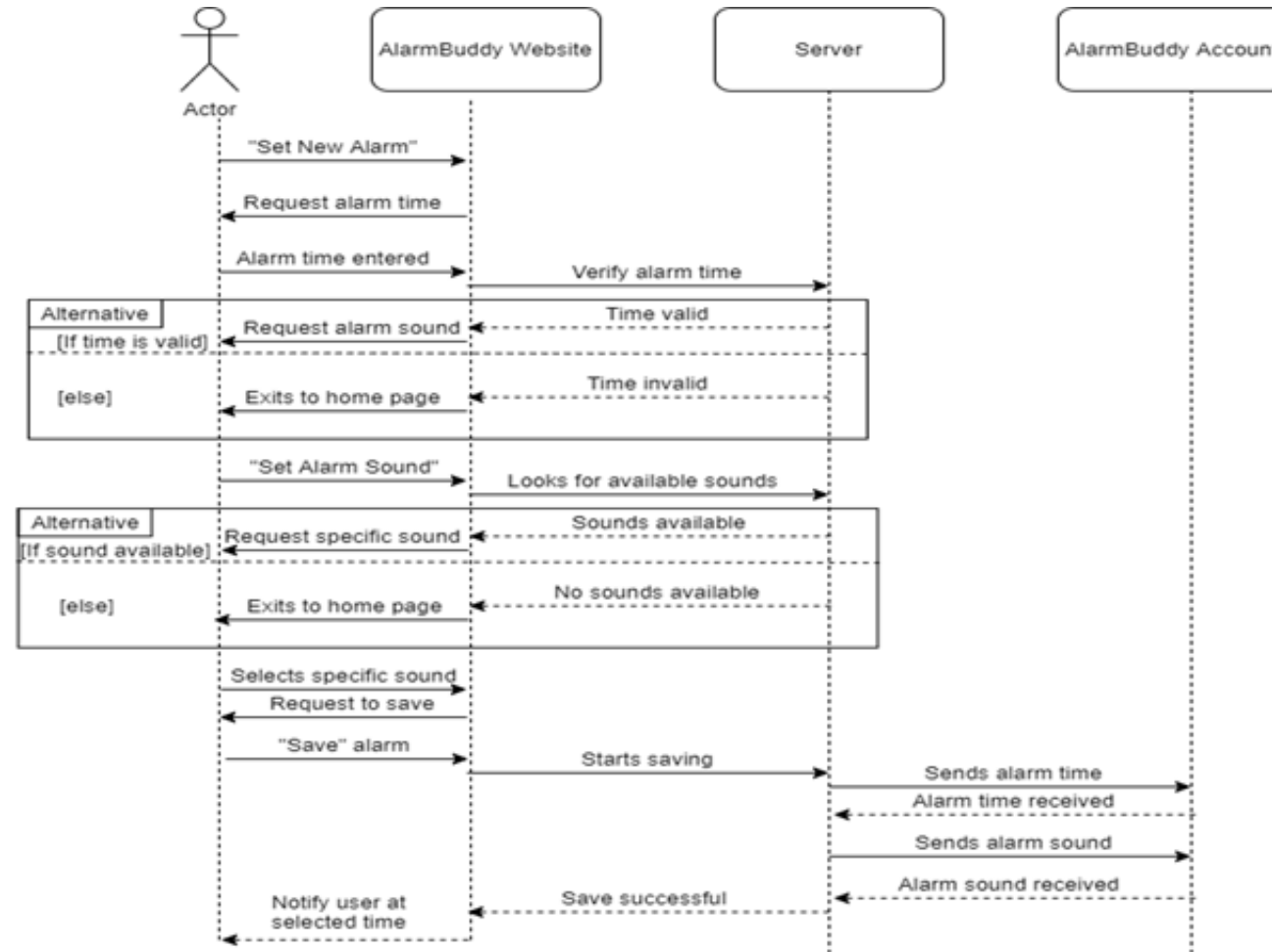
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What is Alarm Buddy?

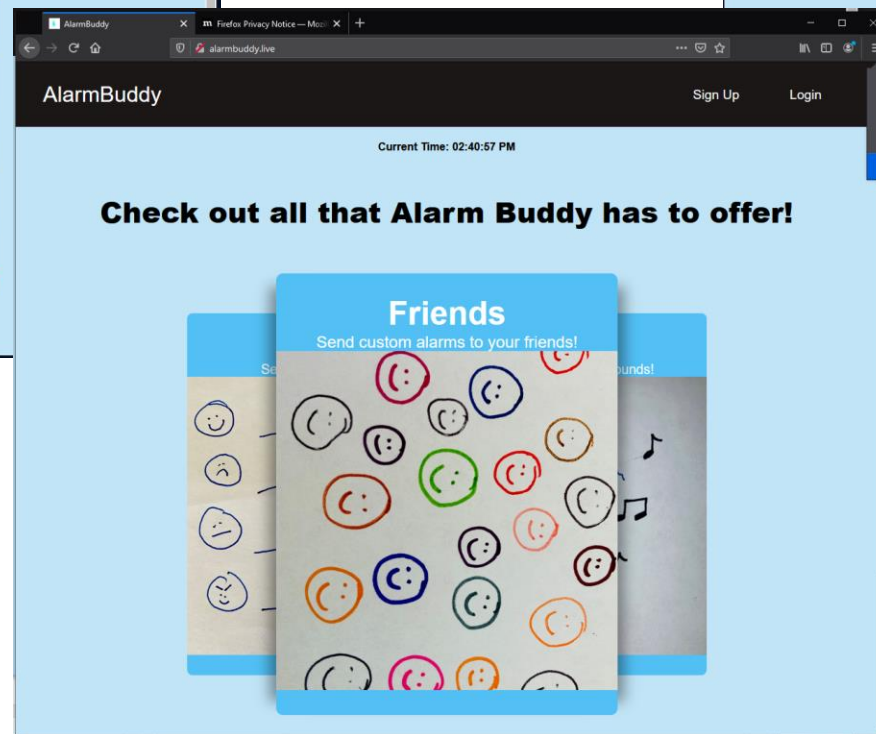
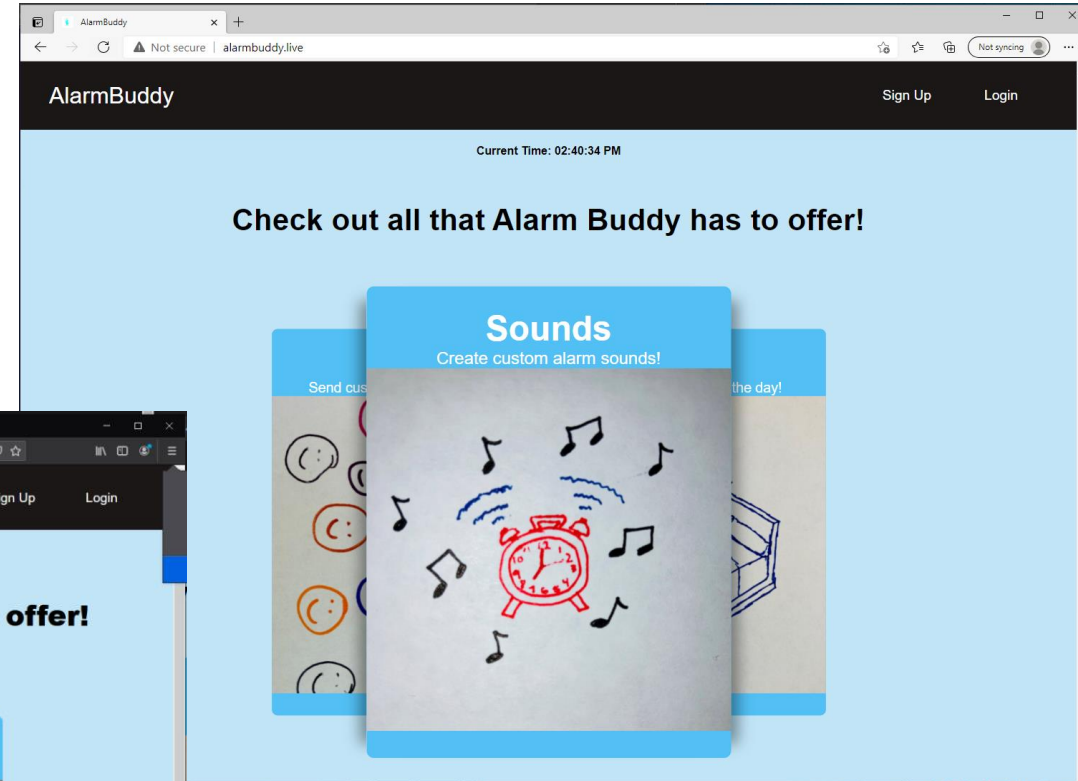
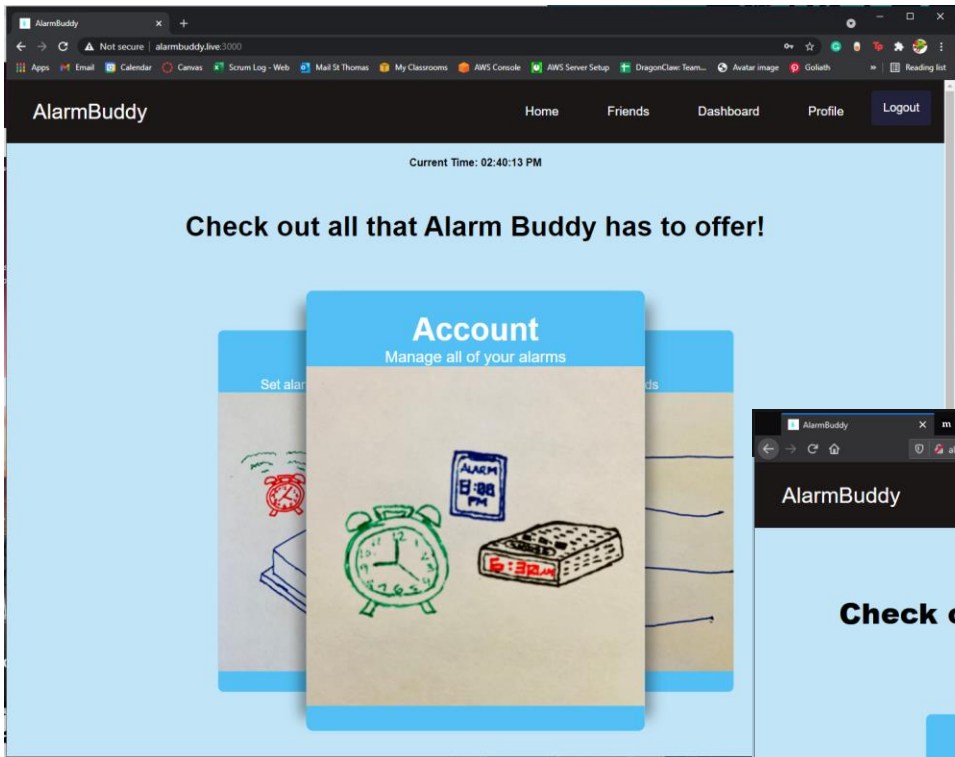
- Fully function web application
- Displays a multi-use alarm clock system with a social aspect
- Allows users to customize their friends alarm clock sounds



System Sequence Diagram



Cross-browser functionality



References

- AWS EC2 Server Hosting
 - [AWS Server Link](#)
- GitHub repository
 - <https://github.com/RileyLipinski/AlarmBuddyClock>
- Visual Studio Code
 - <https://code.visualstudio.com/docs/?dv=win>
- Node.js
 - <https://nodejs.org/en/download/>
- React.js
 - <https://www.freecodecamp.org/news/install-react-with-create-react-app/>



Registration Restrictions

Email and Username

- Email must contain '@' symbol
- Email must not already be registered
- Only alphanumeric characters for username
- Username between 5 and 20 characters

Password

- Passwords must contain
 - Both upper and lower-case letters
 - A number
 - A special character
- Passwords cannot contain the following:
 - <, =, >, &, or double quotations
- Passwords between 8 and 20 characters



Registration Restrictions

Birthdate

- Must be 18 or older to use website
- Must be in the format of mm/dd/yyyy
- Or the format of mm-dd-yyyy

First and Last Name

- Only contain:
 - Letters
 - Hyphens
 - Apostrophes



Use Cases

Account Creation

AlarmBuddy

Sign UpLogin

Create Account

Username:

Username

Password:

Password

Confirm Password:

Re-enter Password

First Name:

First Name

Last Name:

Last Name

Email:

Email

Phone Number:

Phone Number

Birthdate:

Birth Date (I.E. 10-27-1998 or 10/27/1998)

Register

2:17 PM

Logging In

AlarmBuddy

Sign UpLogin

Login

Username:

Username

Password:

Password

Login

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Use Cases

Setting an Alarm

Uploading an Alarm
Sound

Set Your Alarms Here

Current Time: 02:26:12 PM

...

o

Record a new alarm:

▶

0:00 / 0:00

⏸

Start recording

Stop recording

Select a file to upload.

Choose File

No file chosen

Choose before Pressing the Upload button

Upload!

Your Sounds:

168multiply.mp3

Select a file to upload.

Choose File

No file chosen

Choose before Pressing the Upload button

Upload!

Your Sounds:

168multiply.mp3

PLAY!

Who sent me this sound?

Set this as my alarm!

Friends:

amaZon

Share Sound

covmoomoo

Share Sound

Don2

Share Sound

money22

Share Sound



Use Cases

Adding a Friend

Add Friends

Search for friends:

Your Friends

amaZOn

Remove Friend

cowmoomoo

Remove Friend

Don2

Remove Friend

Friend Requests

Blocked Users

bob

Unblock

testing

Unblock

