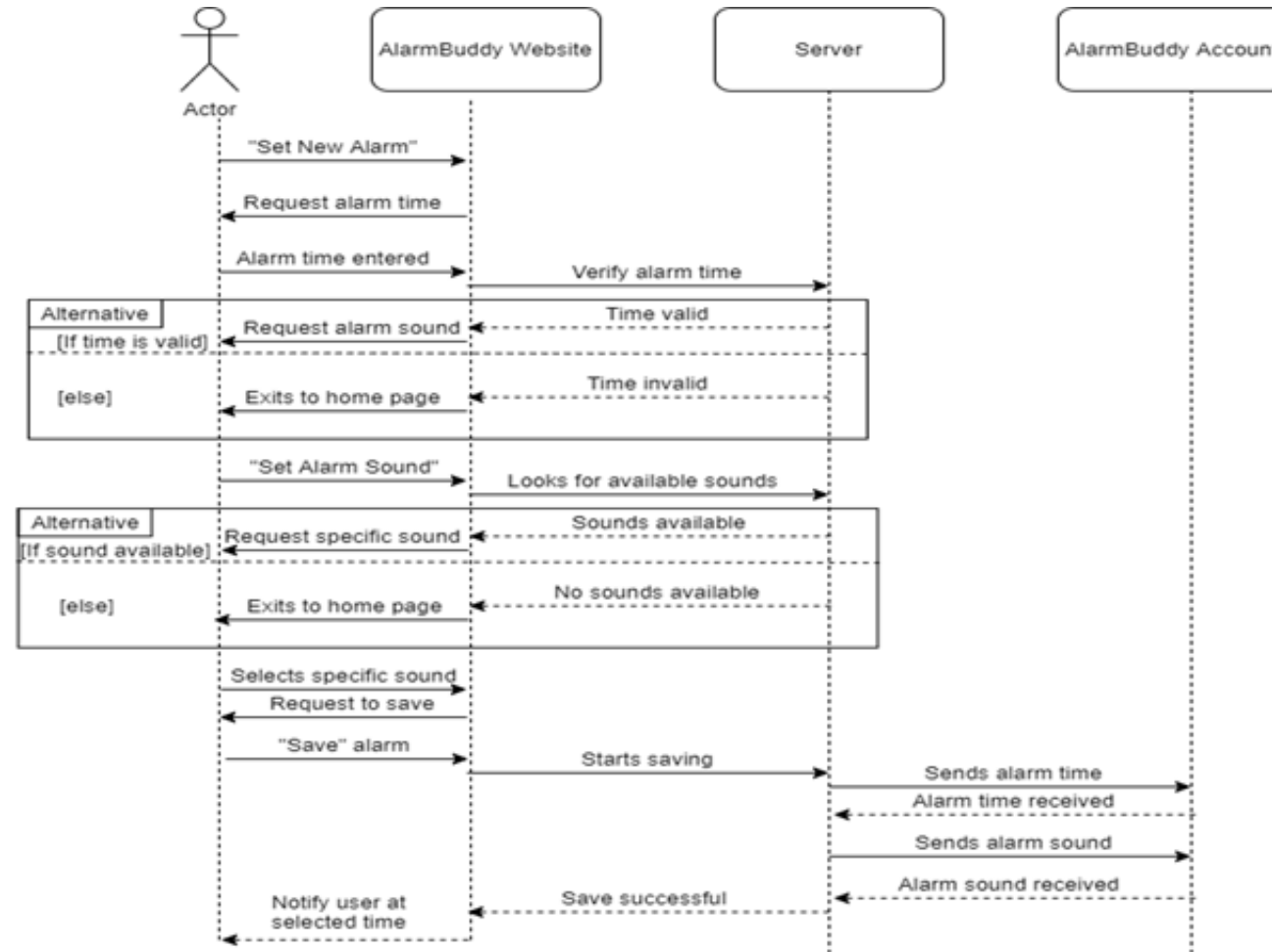# Alarm Buddy Demo

Alex Yurevich, Danielle Pierre, Josh Ringling, Rachel Rautio, Trevor Pilgrim
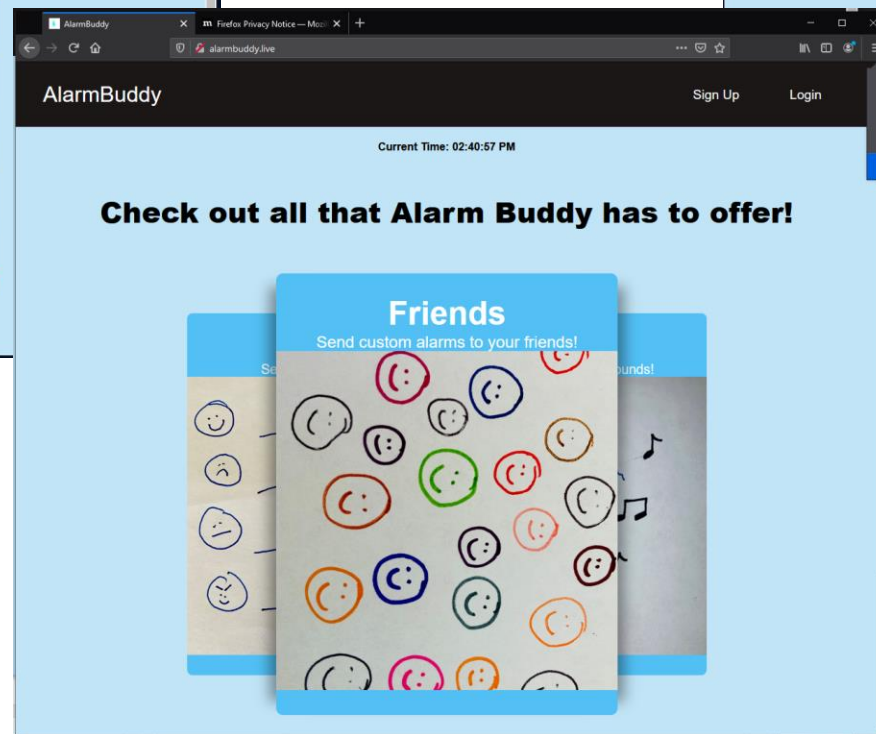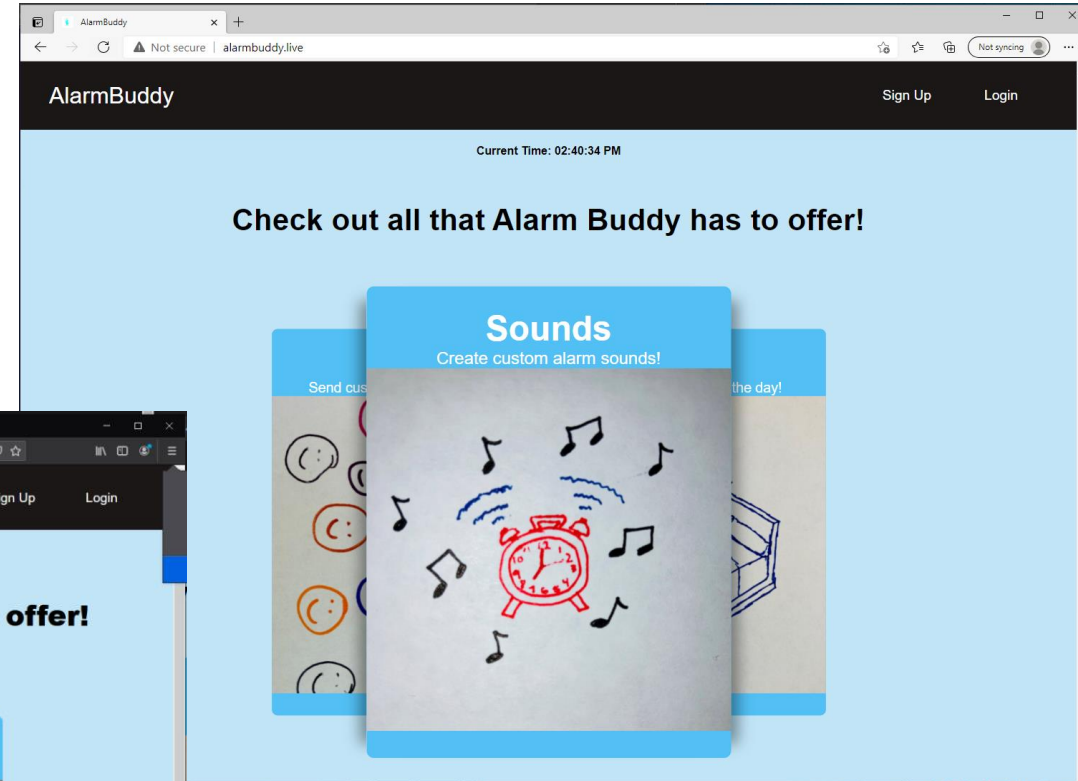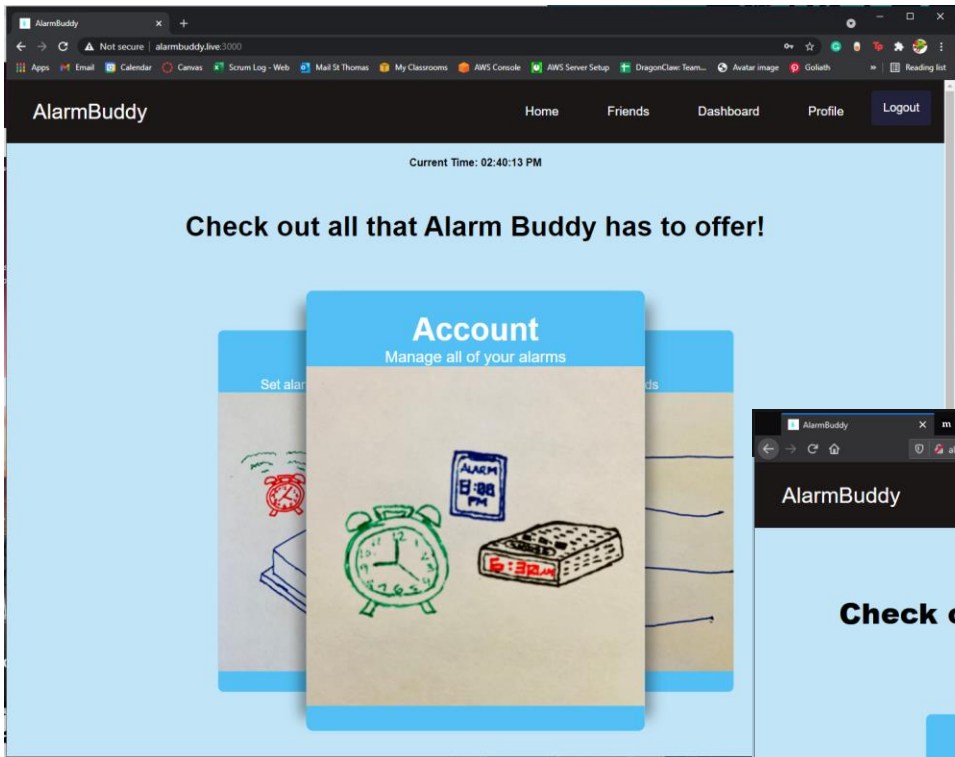
What is Alarm Buddy?

- 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

Logging In

Use Cases

Setting an Alarm

Uploading an Alarm
Sound

Use Cases

Adding a Friend