

React Drum Kit

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Project overview

React Drum Kit is a simple web-based application that allows users to play different drum sounds by clicking on various drum pads displayed on the screen. The application is built using the React JavaScript library and styled with Tailwind.css



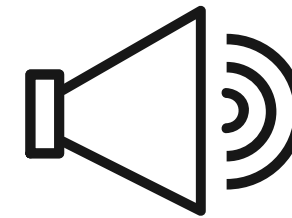
Objective

1. The main objective was to make interactive React drum kit that allows users to play various percussion sounds by clicking on different drum pads.
2. To build with a clean and minimalist style user interface design.

Features



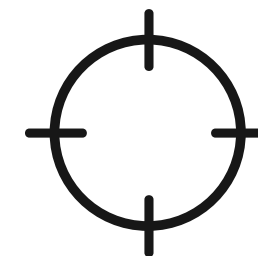
Interactive drum pad buttons



Sound playback on button press



Mobile responsiveness



Styling with Tailwind CSS



Volume control with toggle switch and slider.

Technology Stack

FRONT-END STACK



- React.js
- React-router-dom
- Tailwind.css

BACK-END STACK



No Backend used



- Visual Studio Code
- Node.js and npm
- React
- React-Router-DOM
- Tailwind CSS
- Google Chrome
- Git & GitHub

All Tools Used

Pages in Application

HOME PAGE

Where the drum kit interface loads in the browser.

TUTORIAL PAGE

Instructions to understand how to interact with the drum kit

Workflow Design for User

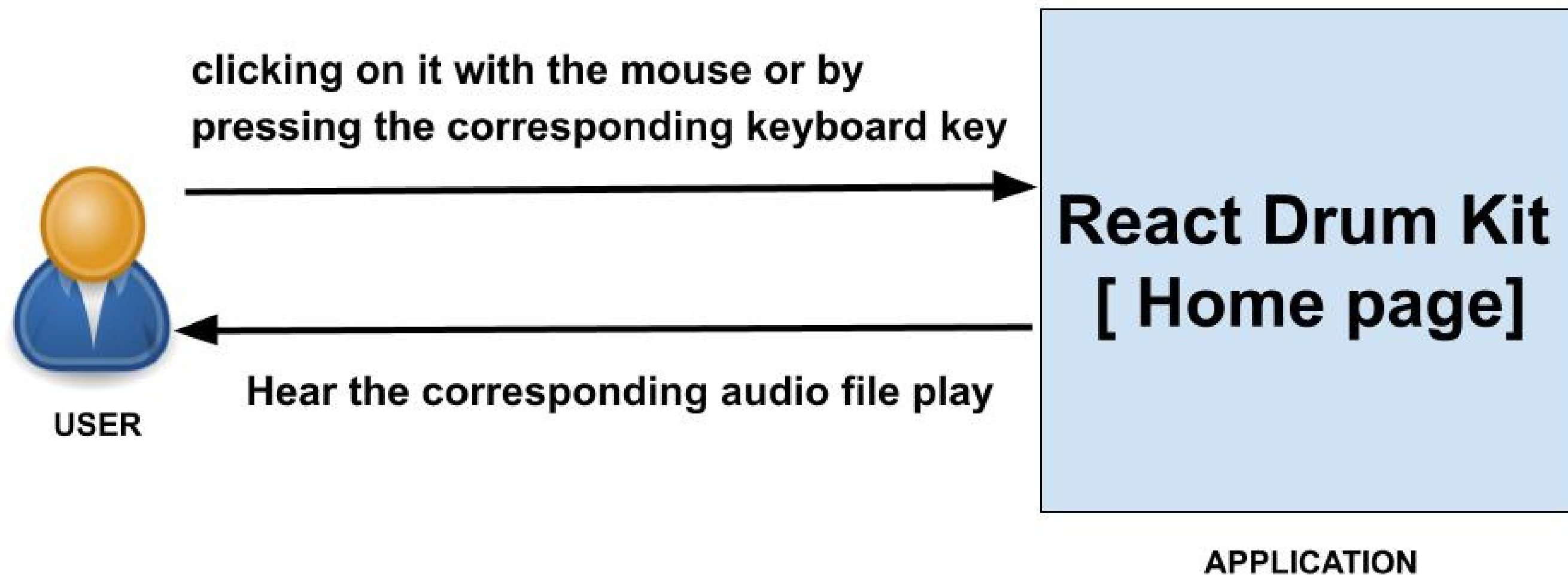


Figure 1: Workflow as a User [Home page]

Deployment

For hosting the application I used Netlify web services because of cost factor and easy to use.



Further Improvements

- The drum kit should allow users to record their drum performances and export the recordings as audio files
- The drum kit should allow users to create their own profiles and save their customizations.