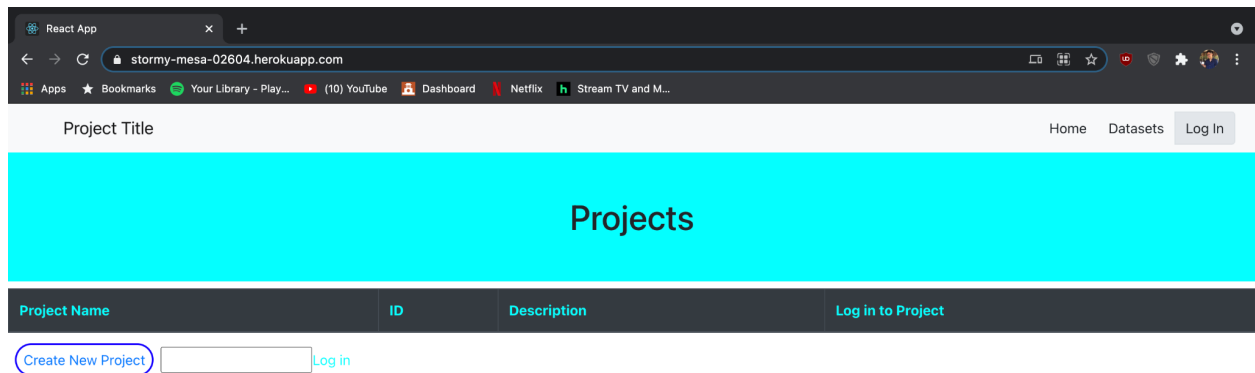# User Documentation

Introduction:

This website is used to allow users to create accounts with certain usernames and passwords that will be saved and kept safe through encryption. It also allows users to login to already existing accounts and easily be able to create a custom project that they want to work on. By logging onto a certain user and a specific project, they will be able to check-in and check-out hardware sets that the website provides for the project if there are any sets available at the time. Finally, they will also be able to view and download a list of datasets through a single link. To work on projects, a user must first register an account and then log in. Multiple types of hardware sets are available for different purposes, and each project has its own pool of hardware sets.

Sign up/Sign in:

When the user arrives at the website, the first thing they should do is register an account. This can be done by clicking the "Log In" button in the top right corner of the website.

After clicking the "Log In" button, a new page will appear, prompting the user to enter their login information (shown below). New users will have to register an account, which can be done by clicking the "Don't have an account? Create one today." button in blue.

After doing so, another new page will appear that allows the user to register an account with an email and password. As long as the entered email address is not already registered, you now have an account that you can use to log in and work on projects.

Creating or loading a project:

Once registered, the website will take you back to the home page where you will be able to either create a new project or log into an existing project. To create a new project, you will have to click on the large "Create New Project" button below the list of projects available. When you click this button, you will be directed to a page where you will be prompted to enter a project name, project description, and a project id. These are all important to fill out, especially the project id, because that is how you will be signing into that specific project.

In order to log into a specific project, you will need to type in the respective project id into the box next to the "create project" button and click "login" in the Home screen.

Once you have successfully logged into a project, you will be taken to the specific project page. This page will contain 2 different types of hardware sets each with a capacity of 100 and an availability of an integer less than or equal to 100.

Check-in / Check-out:

In order to check-in or check-out a certain number of hardware sets for a specific project, the user must type the number of hardware sets that they want to check-out in the box labeled "Number" and press the button "Check in" or "Check out" for the specific hardware sets. This will check-in/check-out the specified number of hardware sets for the specific set and automatically update the availability of the hardware set.

Dataset Downloads:

In order to download datasets provided by the website, you will have to click on the "Datasets" button on the top right-hand corner of the page next to the "Home" and "Log in" buttons. Once clicked, you will be redirected to the datasets page (shown below). This page has a table of different datasets including their name, a description, and a download link. To download the dataset, the user will have to click the "link to download" for that specific dataset. This will redirect the user to another website where they will be able to download the dataset.

React App   stormy-mesa-02604.herokuapp.com/datasets

Apps   Most Visited   Dictionary   School   Hendricken   Home - MyUT   Resident Portal - Lo...   Quest Learning & A...   Other bookmarks   Reading list

Project Title   Home   Datasets   Log In

Datasets

Dataset	Description	Download Links
Abdominal and Direct Fetal ECG Database	Multichannel fetal electrocardiogram recordings obtained from 5 different women in labor, between 38 and 41 weeks of gestation.	Link to Download
Apnea-ECG Database	Seventy ECG signals with expert-labelled apnea annotations and machine-generated QRS annotations.	Link to Download
CAP Sleep Database	The CAP Sleep Database is a collection of 108 polysomnographic recordings registered at the Sleep Disorders Center of the Ospedale Maggiore of Parma, Italy. The waveforms (contained in the .edf files...	Link to Download