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JAVAN

material & library management system

# Overview

JAVAN allows for students of STEM Education (formerly UCTH) to view and reserve available materials, and eventually books as well. JAVAN is built using Django REST Framework and Angular, its codebase can be found [here](https://github.com/RyanRau/javan).

JAVAN is hosted for free on Heroku and links for the front & backend components follow:

<https://javan-frontend.herokuapp.com>

<https://javan-backend.herokuapp.com>

Due to JAVAN being hosted on a free service, it may occasionally appear to go down as Heroku puts unused applications to sleep, see [Site doesn’t load](#_Site_doesn’t_load) for troubleshooting.

JAVAN is also linked to Trello which allows for student workers, master teachers, and other staff to easily see materials which have been requested. See [Trello Setup](#_Trello_Setup) for information on how to change which board JAVAN posts reservation requests to. The UTCH Trello board can currently be found [here](https://trello.com/b/zDMWb9Kv/javan-reservations). The link to join the JAVAN-Reservation Trello board is:

<https://trello.com/invite/b/zDMWb9Kv/c8081bf409c1e574ebd85f45eadc2288/javan-reservations>

# Usage

## Student Usage Instructions

The next page can be given to students

# Administration

## Trello Setup

## Material Management

# Troubleshooting

## General Troubleshooting

If a problem arises which is not listed, the first thing one can do is to clear their browser data. [Here](https://www.pcmag.com/how-to/how-to-clear-your-cache-on-any-browser) instructions can be found on how to do so on various browsers, be sure to clear browser cookies and/or cached data.

## Site doesn’t load

Since JAVAN is hosted on a free service it may put to sleep after long periods of inactively. To wake it up go either to either of the sites:

<https://javan-frontend.herokuapp.com>

<https://javan-backend.herokuapp.com>

and refresh the pages a couple of times to wake it up. This could take up to 5 minutes, so just open the pages and go make yourself a cup of coffee, it should be good to go by the time you get back.