

# E-VENTORY

## Online Inventory for Technology in Public Schools

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### Motivation

Eases the burden on administrators of maintaining an inventory

Web-based virtual inventory to view, edit, and maintain laptop entries

Barcode scanner to allow for mobility and to help relocate misplaced laptops

### Features

Login in for Admin vs. Teacher

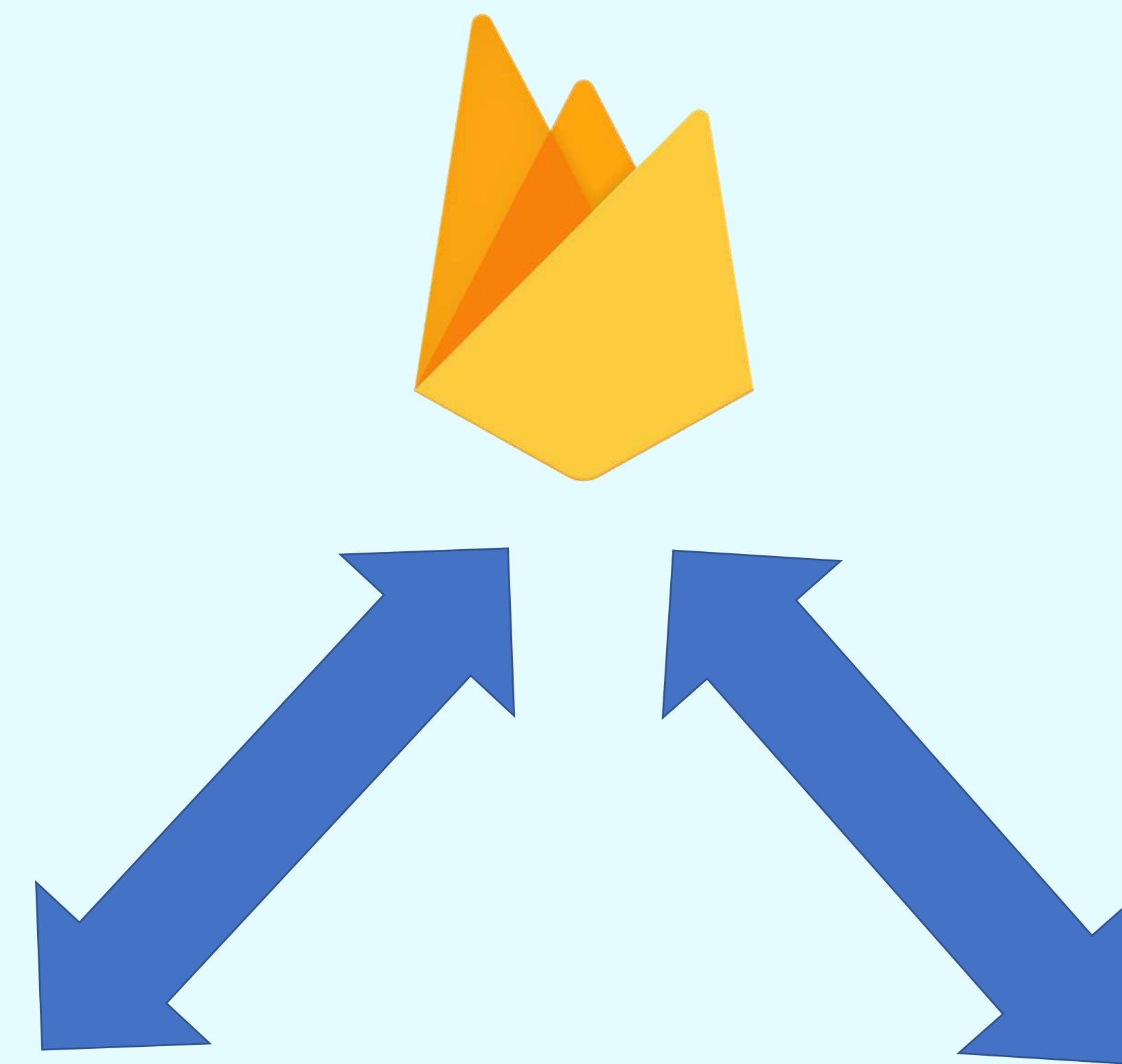
Request Service for a laptop

Log the borrowing of a laptop

Export inventory to Excel

Barcode scanner app

Google's Firebase Real-Time Database Stores the data



The JavaScript and HTML code in the website send and retrieve information to and from Firebase



Java and Android Studio code sends and retrieve information to and from the firebase for the app.



### Website

### Android Barcode Scanner

Welcome to the Public School E-ventory System!

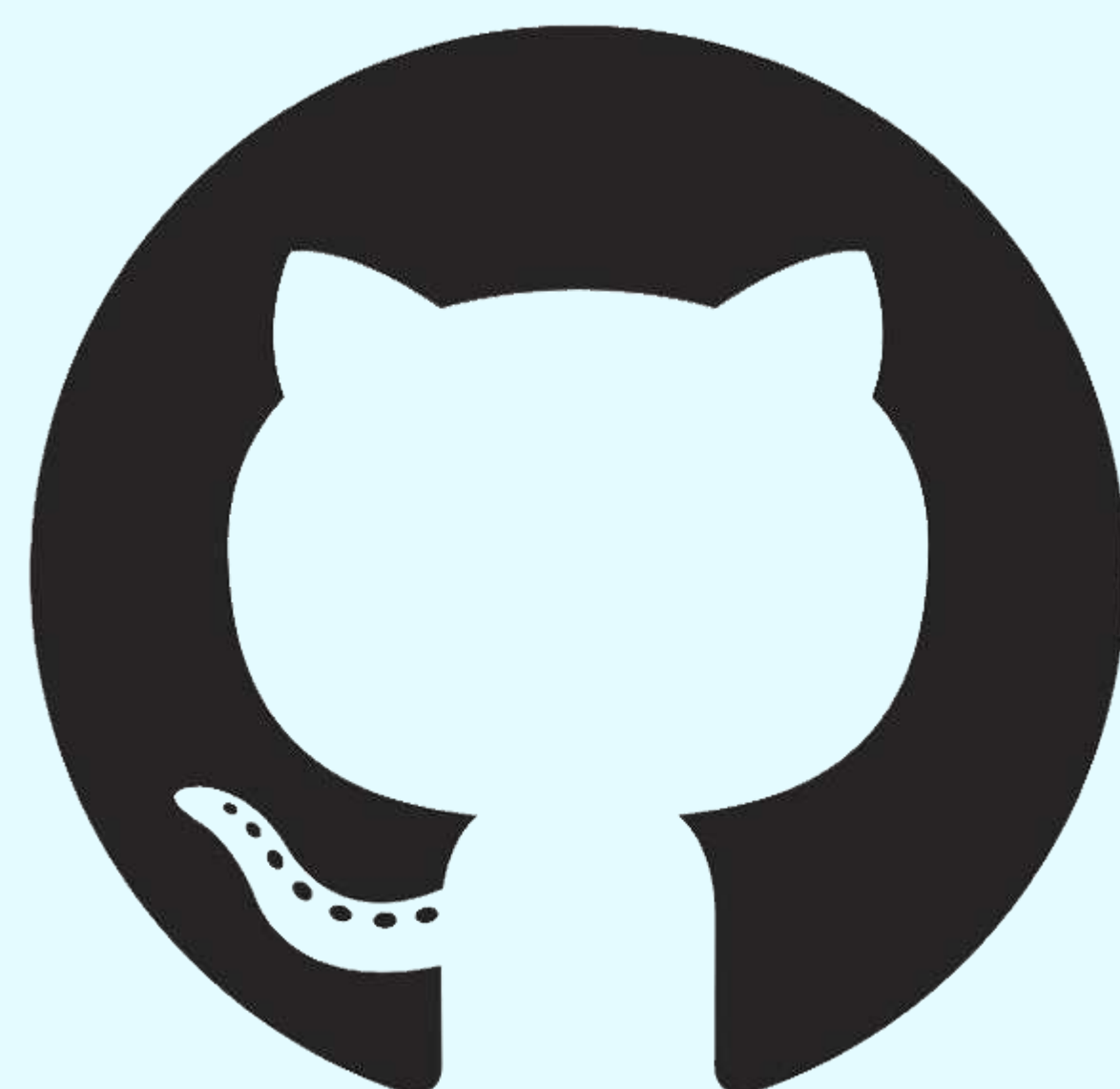
Main Page View Device Inventory Add New Device Search for Device Storage Location Request Service Manage Borrowers

Click to export Click to view inventory

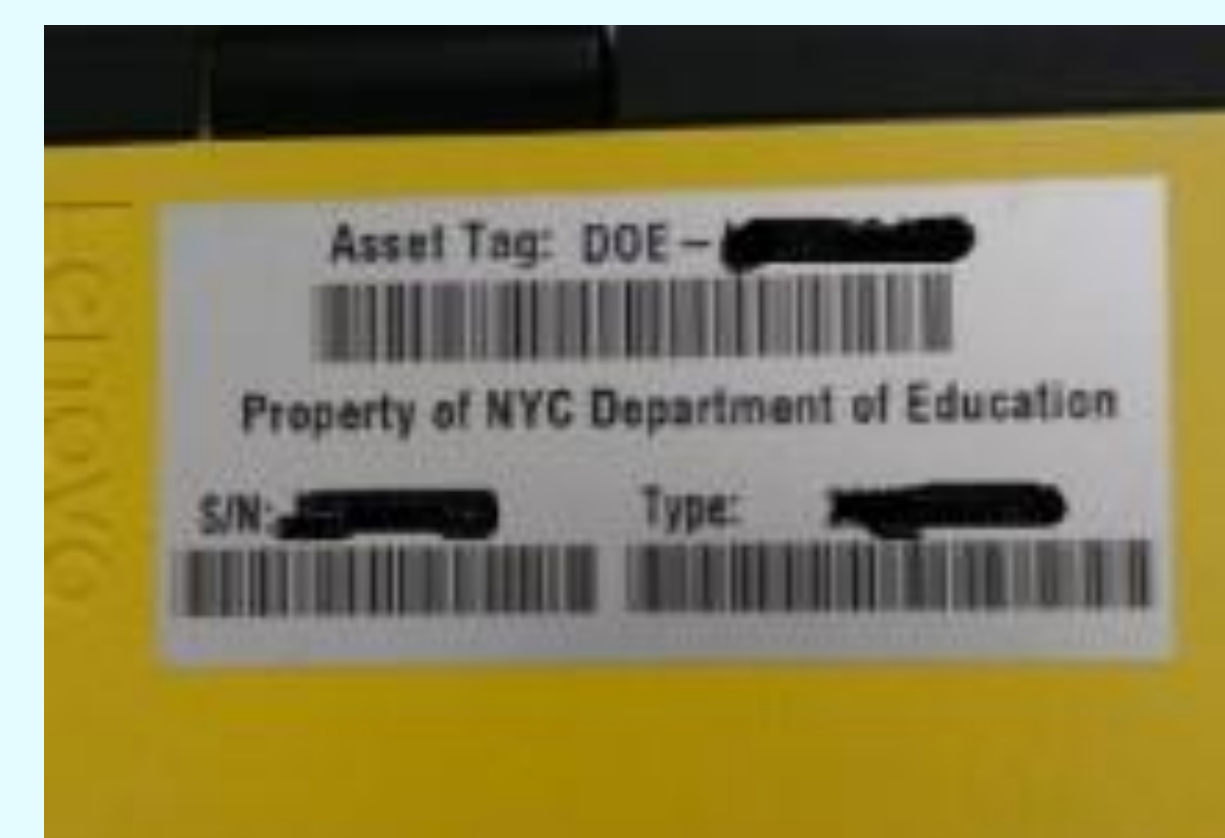
Device Model	Storage Location	Serial Number	Asset Tag	In Service	Borrowed
LENOVO	HISTORY CART 10	PC9311UQ	LN038796	false	false
LENOVO	HISTORY CART 3	PC9313XZ	LN038789	false	false
LENOVO	HISTORY CART 9	PC9313V4	LN038780	false	false
LENOVO	I/LEARN 1	LR08875Y	LN0536993	false	false
LENOVO	I/LEARN 2	LR088765	LN0537000	false	false
LENOVO	MAIN OFFICE	LR0993XZ5	LN0515443	false	2023156
LENOVO	MATH CART 1	PR02LR00	LN0205947	false	false

Enter serial number or asset tag from device to delete:  Delete Device

Enter serial number or asset tag from device to edit:  Edit Device



The code is free and stored in GitHub, a web-base hosting system. The website also runs off their GitPages servers.



Information is taken about the laptop to be entered, NYC Dept. of Ed provides barcode labels for their laptops

