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# Progress Report

Project name: Asset Inventory Management System

Date time: 12/07/2021 – 7/11/2021

## Project blurb

The project is to design and develop a web application for managing the asset inventory for business. Users can request company assets such as computers and other hardware. Admins can access the system to view, add, update and remove assets from inventory. The end goal is to provide a system that can track allocation and supply of company assets.

## Requirements overview

There are two types of users to the system, these are, member, and administrator. Each type of user completes different business activities.

### The Actions of the member

|  |  |
| --- | --- |
| Action name | Action Description |
| Login/Logout Website | A member can log in or log out of the website whenever. |
| Request Asset | A member can request an asset from a list of available inventories |
| Browse Asset | A member can use the web application to browse all categories of assets available to request |
| Search Asset | Members can use the search function to find available assets. |

### The Actions of the administrator

|  |  |
| --- | --- |
| Action name | Action Description |
| Login/Logout  backend system | An administrator can log in or log out of the backend system  whenever. |
| Asset management | An administrator can add, delete, and update the inventory  information of assets. |
| View inventory | An administrator can view business assets and see what assets are currently on lease and who is the lessee |

### The properties of the objects

|  |  |
| --- | --- |
| Object name | Object properties |
| User | Name, Sex, Address, Phone, E-mail, Password, User Id |
| Asset | Name, Type, Serial Number, Model, Status, Asset Id, Description, Condition |
| Asset Categories | Computer, Monitor, Vehicle, Computer Peripheral |
| Asset lease | User Id, Start-date, End-date |

## Software environment

Database: MongoDb

Web Server: Express.js

Language: HTML, React.js, Node.js

## Week 1

|  |  |
| --- | --- |
| Date time | 12/07/2021 – 16/07/2021 |
| Planned tasks | - |
| Completed tasks | - |

## Week 2

|  |  |
| --- | --- |
| Date time | 18/07/2021 – 23/07/2021 |
| Planned tasks | Feasibility Study |
| Completed tasks | - |