

E-Asset Management

What is asset management system?

A web-based application called the E-Asset Management system is used to maintain track of a variety of assets that can be lent out as well as their availability, present location, current borrower, and asset history. Assets include computers, books, mobile phones, and other gadgets. The system can be expanded to handle the management of more asset kinds.

Every organization has their own E-Asset Management System in order to perform the resource activities. Managing Asset or utilizing assets or keeping track of assets are significant task of IT team. The main work of the IT team is to maintain all assets of the company like laptop and any other devices and also maintain the condition of that Asset .

In order to support the IT's there are some electronic based systems called AMS- Asset management system. Organizations maintained assets with excel sheets which is a very tedious job. But this application is cost effective one that allows them to manage their asset's data in a simple manner. This project belongs to a category of web application that can be accessed through PC with internet connection. This E-Asset Management System allows the IT team to provide various types of permission to other IT members and also manage Asset's data, status, category, location, etc.

Project Summary

E-Asset Management System is an application used by the company to automate and keep track of the equipment and inventory that are vital to the day-to-day operation of their businesses. Exactly how those assets are managed, though, is highly variable. A lot of organizations are managing their equipment and inventory through a manual process, including spreadsheets over which an employee or employees are tasked with the responsibility of maintaining. So, this application helps to keep track of these vital assets and manages efficiently and provides an ease to use. This project is intended to replace the Manually managed system and provide a platform that is more efficient, reliable and robust.

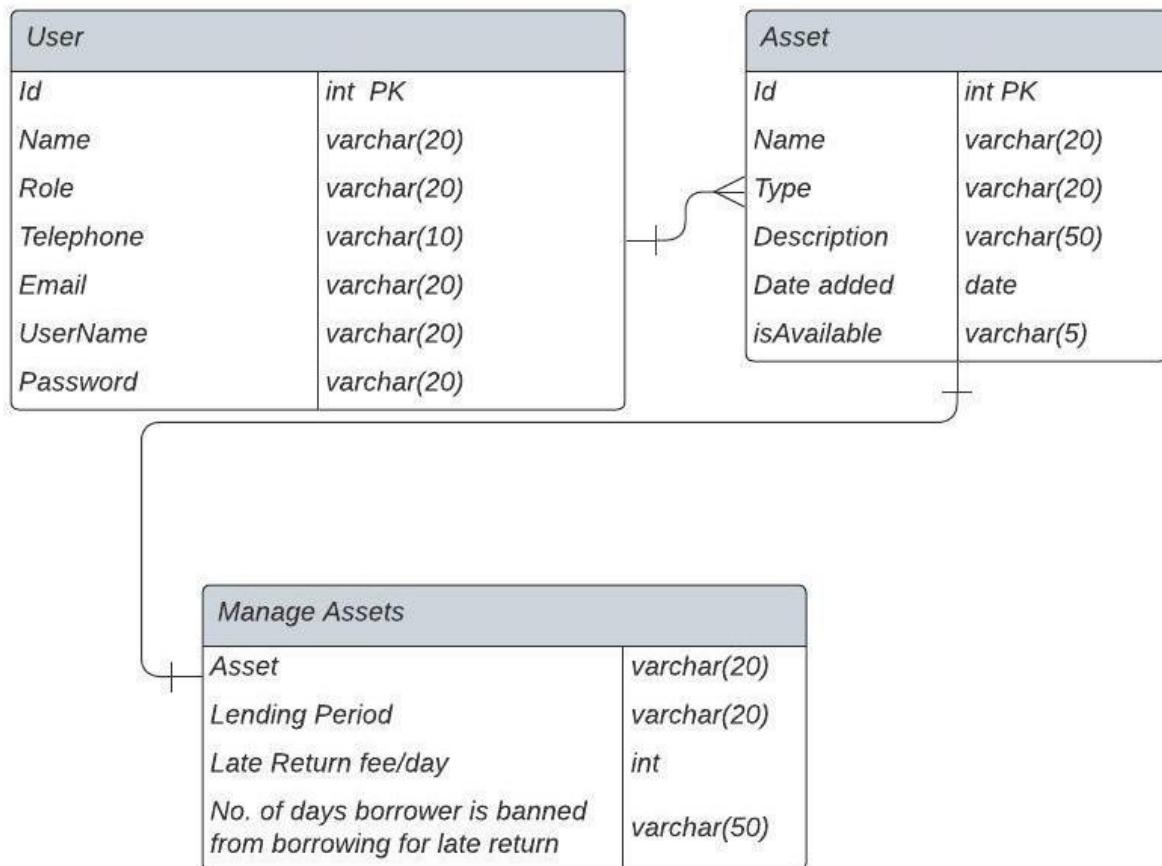
Roles involved in our application are:

1. Administrator (Max: 1)
2. Borrowers (Employees of the company)

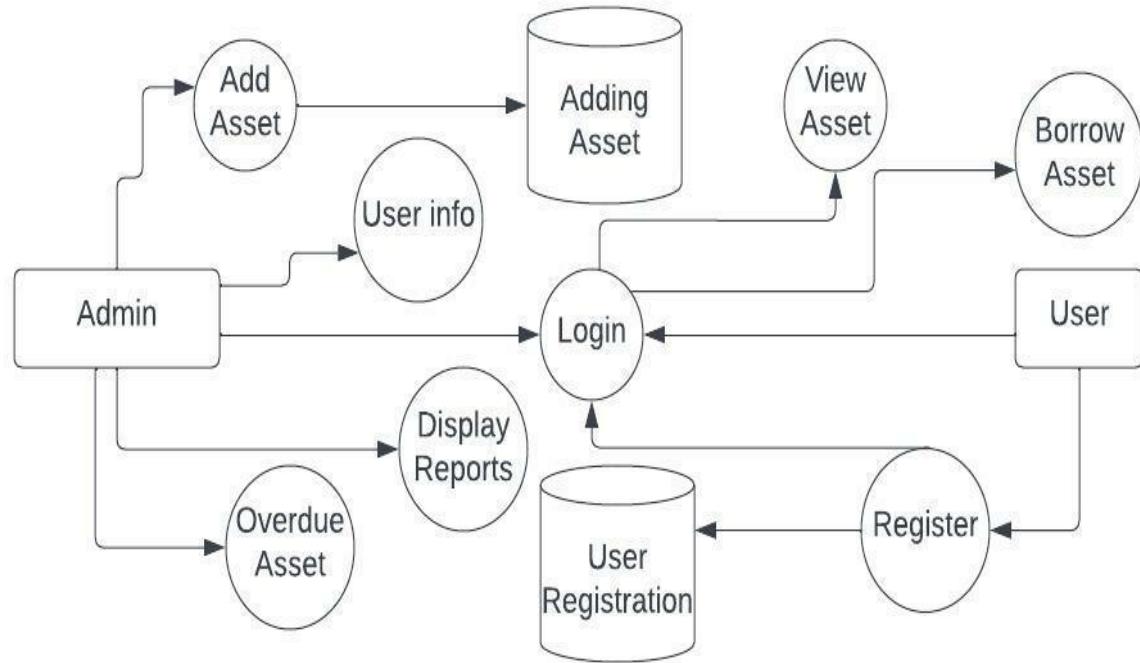
Functions of our Application:

- The administrator is in charge of managing assets.
- When necessary, assets are added to the system.
- Users can search for assets, and if any are found, they can borrow those same assets.
- The assets must be returned within a given time frame; the time frame varies depending on the type of asset.
- If asset is not returned on time a fine should be imposed on the borrower, and the system should not lend any more assets to the borrower for a specified number of days.

ER Diagram:



Data Flow Diagram:

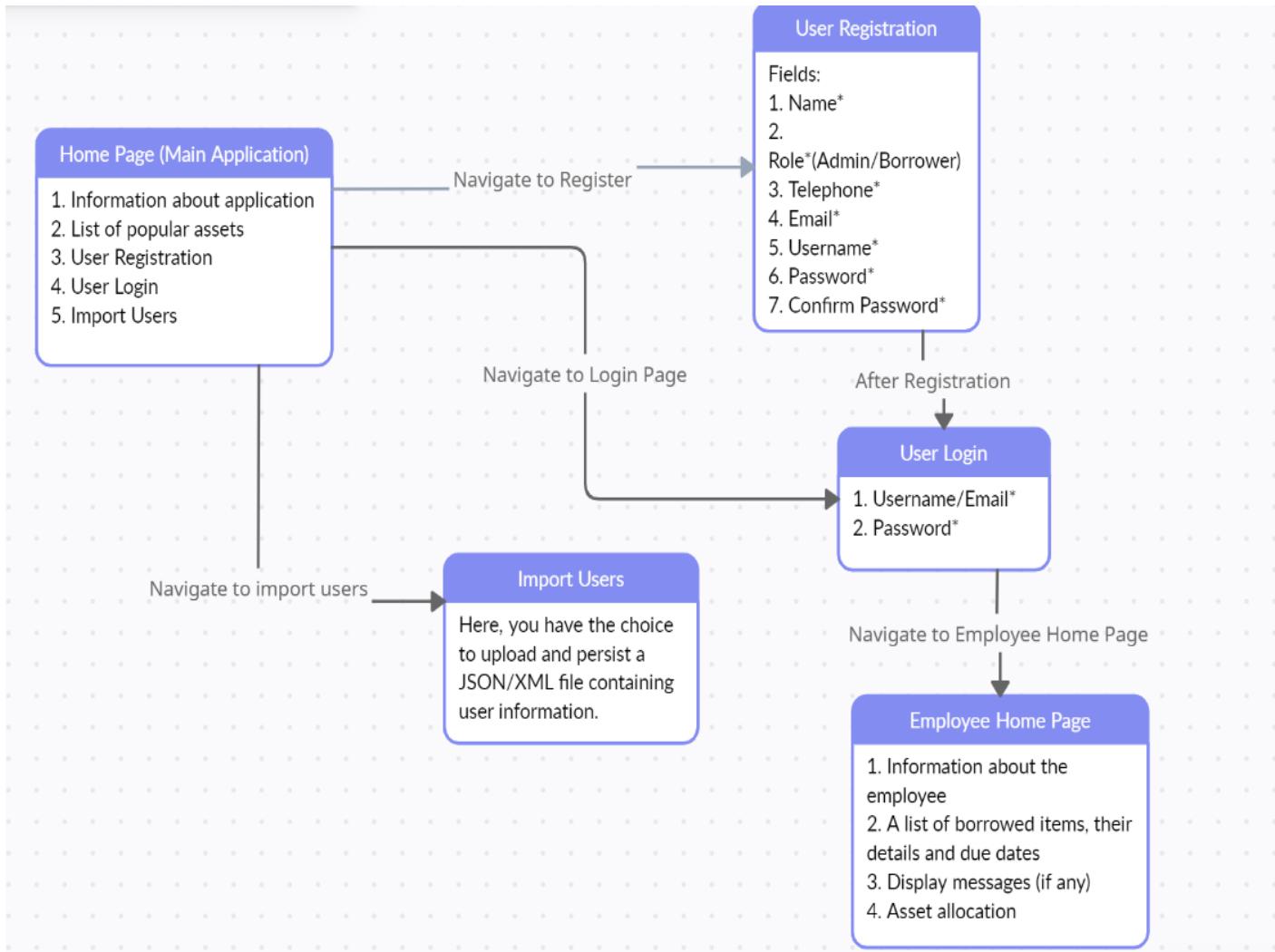


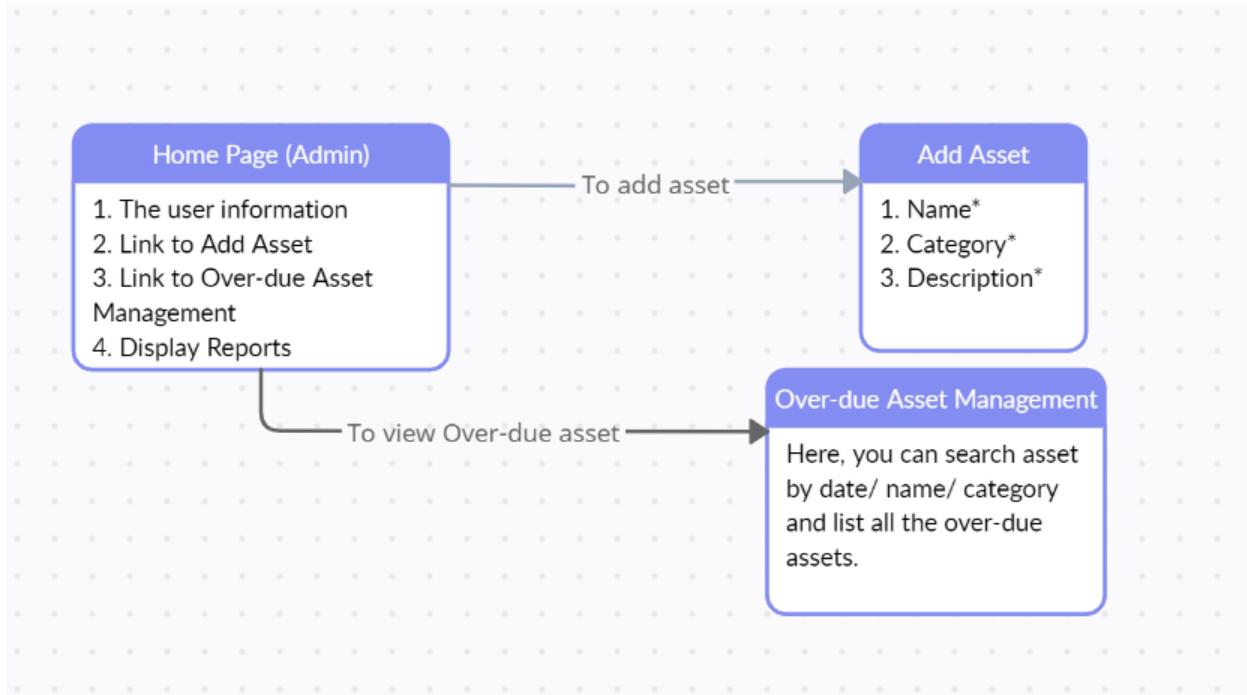
Here, in this application, there are two roles involved:

1. Admin
2. User (Employee)

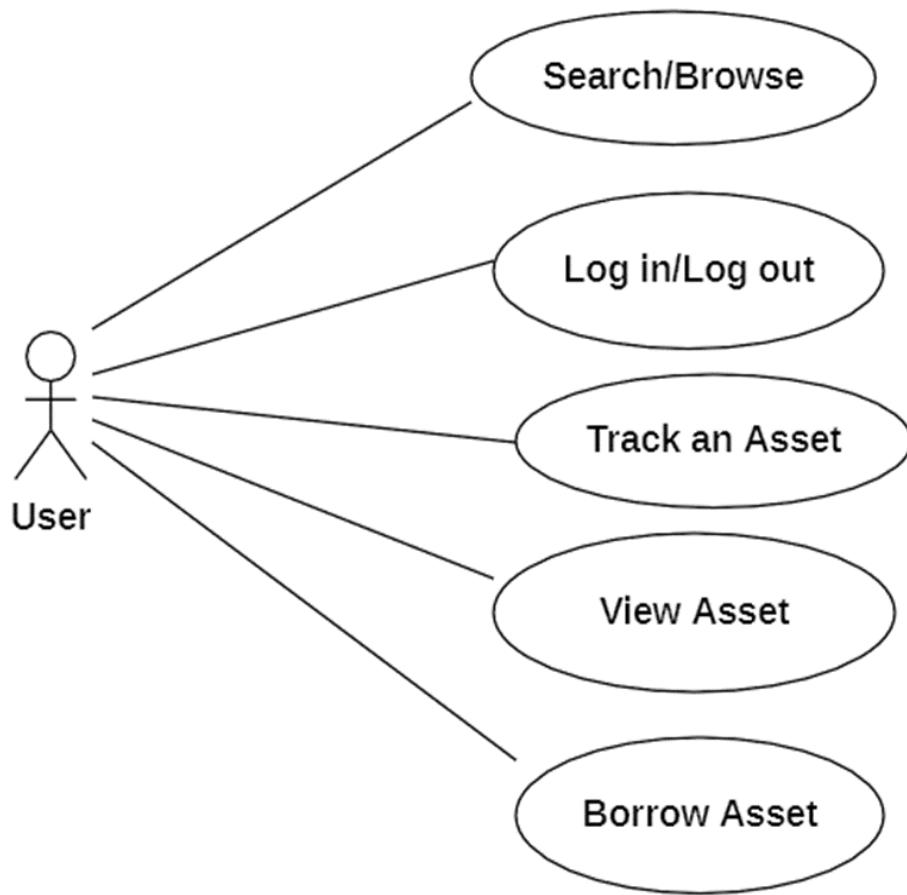
Here, the admin manages the assets. When necessary, assets are added to the system. Users can search for assets, and if any are found, they can borrow those same assets. The assets must be returned within a given time frame; the time frame varies depending on the type of asset. If asset is not returned on time a fine should be imposed on the borrower, and the system should not lend any more assets to the borrower for a specified number of days.

Flow of the Application:

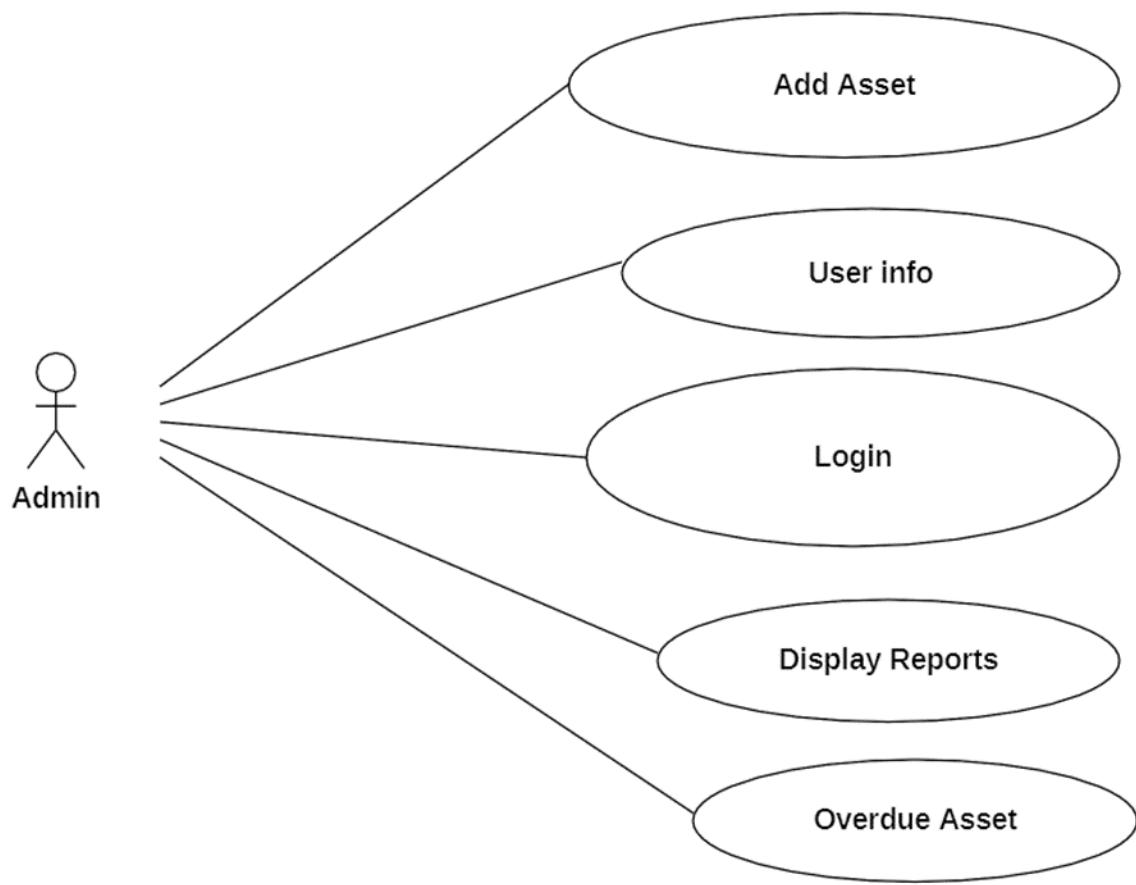




Use Case Diagrams:

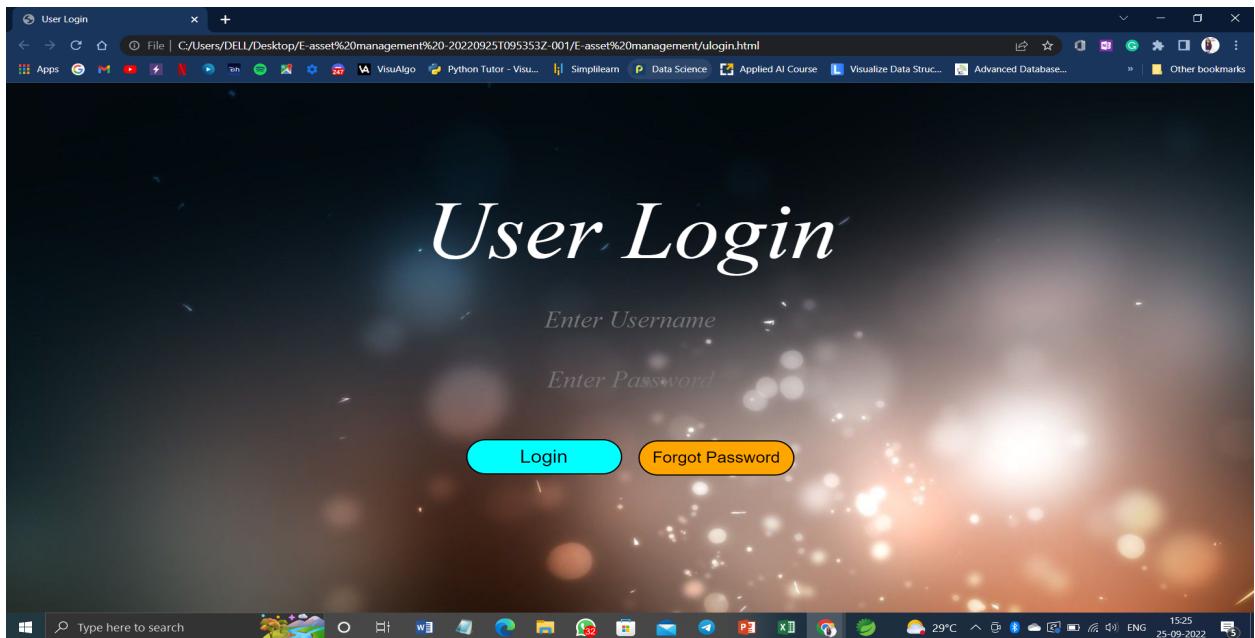


1. User Use Case



2.Admin Use Case

UI Snapshots

A screenshot of an "Add Asset" form. The title "Add Asset" is at the top center. Below it is a header "Welcome to E-Asset Management". The form has three main sections: "Name:" with a text input field containing "Enter the name"; "Category:" with a list of options: Laptop, Mobile, Headphone, Books, and other; and "Description:" with a text input field containing "Describe your asset". At the bottom is a red "Add Asset" button.

The screenshot shows a web browser window titled "E Asset Management". The URL in the address bar is "C:/Users/DELL/Desktop/E-asset%20management%20-20220925T09535Z-001/E-asset%20management/index.html". The page has a dark background with a textured pattern. At the top center, there is a large, bold, red header "E-Asset Management". Below the header, there is a section titled "About" with a short paragraph of placeholder text (Lorem Ipsum). To the right of the "About" section is a box containing a list of popular assets: Laptops, Mobiles, Headphone, and Books. At the bottom of the page are three buttons: "Register Now !!", "Login", and "Import Users". The Windows taskbar at the bottom of the screen shows various pinned icons and the date/time as 25-09-2022.

The screenshot shows a web browser window titled "ImportUsers.html". The URL in the address bar is "C:/Users/DELL/Desktop/E-asset%20management%20-20220925T09535Z-001/E-asset%20management/ImportUsers.html". The page contains a form for file upload. It includes a label "Select choose file to upload file", a file input field with the placeholder "Please upload the file here : Choose File No file chosen", and two buttons at the bottom: "clear uploaded file" and "Submit". The Windows taskbar at the bottom of the screen shows various pinned icons and the date/time as 25-09-2022.



