

Asset management system

Introduction

In this LAB you are going to develop an asset management system Ntier application which will be used to save the company's laptops and desktop computers. The tiers will consist of UI , Business Logic , Data Access and Testing layers.

Functional Requirements

The system should **display** all the laptops and desktop computers captured.

The system should enable a user to add, edit and to “**soft**” delete asset(s).

The system should enable a user to select an **asset type** (Laptop / Desktop) while creating or updating an asset.

The system should allow a user to flag an asset as “**allocated**” or “**deallocated**”

The system should enable a user to **search** for an asset by any field.

Fields

Field Name	Type
Description	Text
Serial Number	Text
Assert Type (Laptop / Desktop) (Dropdown)	int
Brand	Text
Supplier	Text
IsAllocated	bit

Technologies

- HTML
- MVC
- CSS
- Pagination
- Interfaces
- Dependency Injection
- Azure (SQL , Blob , Application insights , App Service etc)
- VS team service
- Entity Framework

Good Luck