

## Excel Upload

The software solution should allow a user to save details (First name, Last Name and Date of birth) as a customer, and they can upload an Excel file to the system and view their 12 months data in a form of a bar graph.

## Requirements

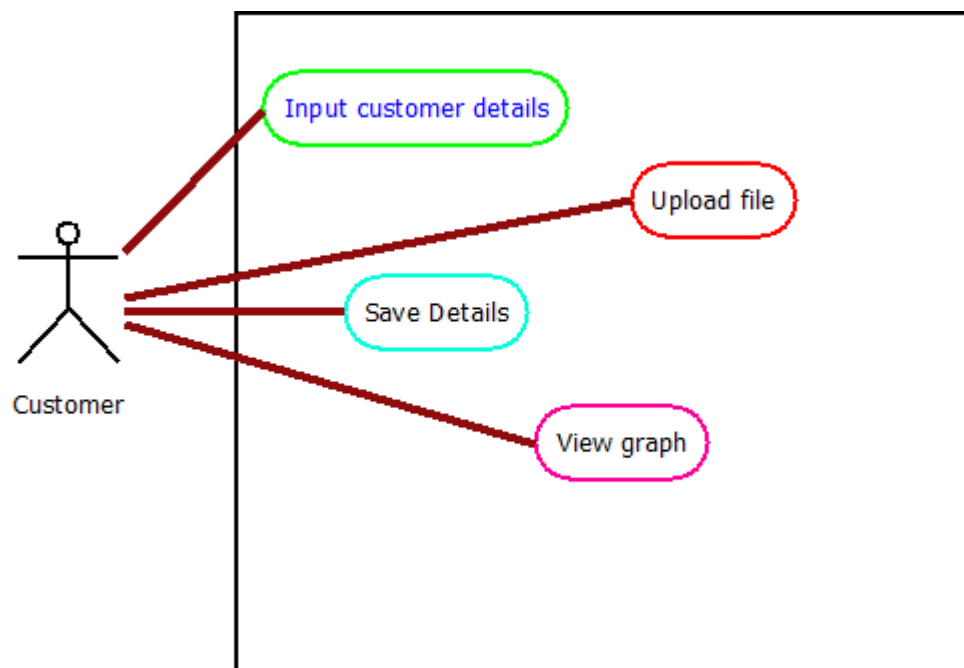
- 1.Prompt user details (First name, Last Name and Date of birth)
- 2.Uploading an Excel file per user
- 3.Display data from Excel file in form of graph
- 4.Save the customer's details

## Stakeholders

- Customer

## Modelling

### Use Case



## Process Flow



## Solution

### Excel File Uploader

Tools used:

Visual Studio 2022 Community

1. .NET Class library
  2. SQL Database
  3. .NET Core Blazor Server App
- The class library is responsible for data-layer using .NET 7, Dapper, Microsoft SQL Client and Abstractions
  - The SQL Database targets SQL Server 2017 and is responsible for storing data using Store procedures to query the database.
  - The UI is in a form of a Blazor Server App due to multiplatform reliability and the support for JS Interlop.