

Background

Final Project for the 4050 CSIS Advanced OO Prog for Bus App course. Group members discussed and found a common point of interest and thought of a business application that would fit the needs of such company. The Stock Control app built on WPF and Blazor integrates communication between the salespersons and managers to provide a sales and stock panorama.

Current Conditions

App was developed in C#, using WPF and Blazor Web Server App, and is integrated to a MySQL database, Using Entity Framework Core and .NET Core, implementing Database First development to create and scaffold the DB, tables and Entity Classes. Application interfaces with a webservice API (IGDB Games Database, <https://www.igdb.com>) and uses Blazor WSA for the Web Component to provide a fully developed application to allow salespersons to add and track their stock and sales informations.

Member Contributions

Henrique: DB First Project setup, Blazor WSA, Blazor Authentication, Views, Models and Services. Contributed with WPF logic. Extensive work on Users, Products and Sales entities.

Gabriel: IGDB API Authentication, endpoint, filter and CRUD. Contributed with WPF logic, LINQ and statistics. Extensive work on Plataforms and Sales entities.

Leonardo: DB First Project setup, WPF forms, menus, filters. Contributed with BWSA logic. Extensive work on Users and Product entities.

- High Level Milestones**
- April 4th: Database First Project Structure:** definition of project scope, entities, attributes and how to structure the database and related C# logic.
 - April 7th: WPF Structure, Tooling and Web App Structure:** definition of WPF workflow and web application structure with ASP.NET Core MVC.
 - April 8th: Blazor pivot:** decision to go with Blazor Web Service App for the web component.
 - April 10th: Checkpoint** to assess progress and redistribute tasks and expected goals.
 - April 11th: App conclusion.**

- Resources/Skills Required**
- C#**
 - ASP.NET Core**
 - EF Core**
 - Blazor/Razor**



What are the names and roles of the staff on this project?		
Name	Role	Signature
Henrique Barros	Developer	
Leonardo Ferreira	Developer	
Gabriel Freitas	Developer	