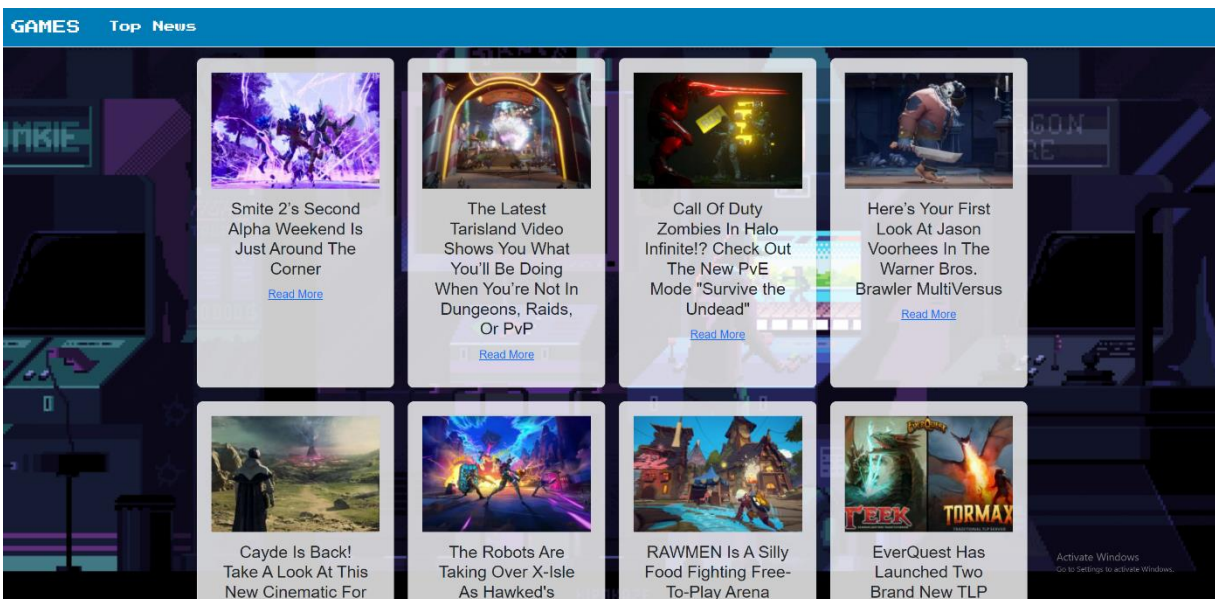
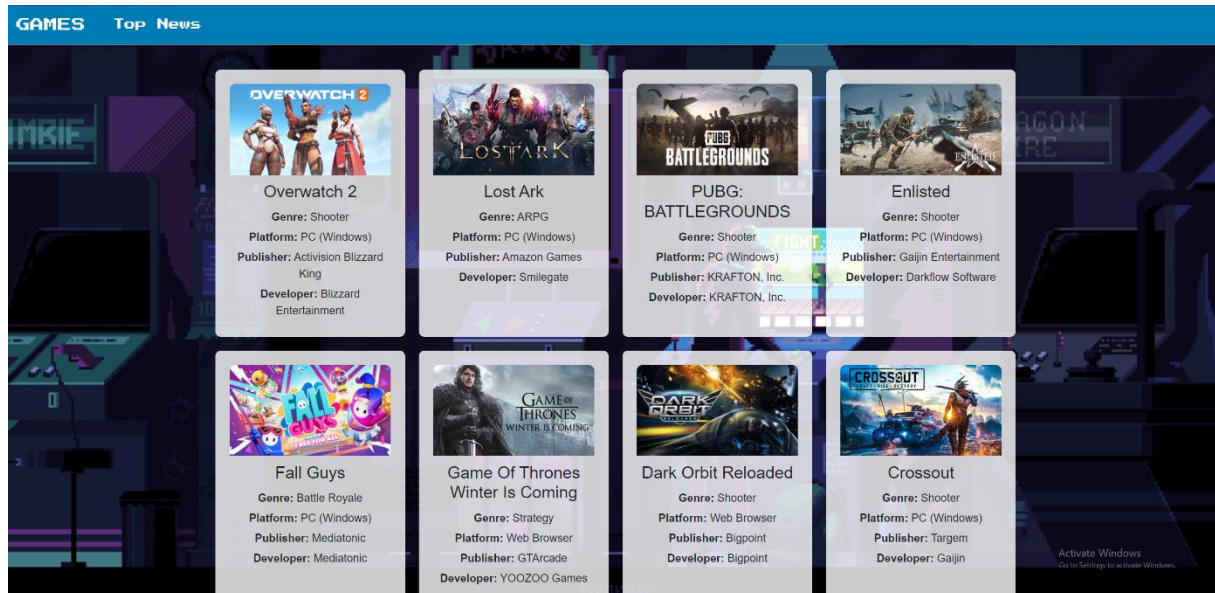


# PROJECT API



Grupo: Jhester John Calma y  
John Carlo Rodriguez  
Material: Proyecto de M4 y M5

## Project Overview

This project serves as the final test for the MP04 and MP05 modules of UF3, focusing on the implementation of a single project that combines object-oriented programming (OOP) and web services. The goal is to create a functional application that meets specific technical requirements, demonstrating competence in both areas.

## Used technology

- *GitHub*: Version control and collaboration.
- *HTML*: Structuring web page content.
- *CSS*: Styling and layout of web pages.
- *C#*: Backend development, managing business logic and server-side operations.
- *API*: Enabling communication between application parts and external services.
- *JSON*: Data interchange format between client and server.
- *CSHTML*: Creating dynamic Razor views in ASP.NET MVC applications.

## Project Files and Structure

- *GitHub*: <https://github.com/JCARLO/PROJ-API>

### Controllers;

- *HomeController.cs*: <https://github.com/JCARLO/PROJ-API/blob/master/Controllers/HomeController.cs>

### Models;

- **GameModel.cs:** <https://github.com/JCARLO/PROJ-API/blob/master/Models/GameModel.cs>
- **NewsModels.cs:** <https://github.com/JCARLO/PROJ-API/blob/master/Models/NewsModel.cs>

#### Views/Home;

- **Index.cshtml:** <https://github.com/JCARLO/PROJ-API/blob/master/Views/Home/Index.cshtml>
- **LatestNews.cshtml:** <https://github.com/JCARLO/PROJ-API/blob/master/Views/Home/LatestNews.cshtml>

#### CSS

- **Site.css:** <https://github.com/JCARLO/PROJ-API/blob/master/wwwroot/css/site.css>

#### Links:

- **API(games):** <https://www.mmobomb.com/api1/games>
- **API(news):** <https://www.mmobomb.com/api1/latestnews>
- **Background img:**  
<https://steamuserimages-a.akamaihd.net/ugc/918045458108611016/4B79DA3FD671E56B0121CE70F2A4F7B958649A28/?imw=5000&imh=5000&ima=fit&impolicy=Letterbox&imcolor=%23000000&letterbox=false>
- **Font-style:**  
<https://fonts.googleapis.com/css2?family=Press+Start+2P&display=swap>
- **ChatGPT:** <https://openai.com/>

**Impact:**

The app offers a convenient solution for users to search for games and access up-to-date gaming-related news on a single platform. This not only improves the user experience, but also shows the potential of combining different technologies to create a coherent and functional software solution.

**Future Improvements:**

Future iterations of the project could include additional features such as user authentication for personalized content, advanced search filters, and integration with more game-related APIs to provide broader data coverage.

**Conclusion**

The project successfully integrates object-oriented programming and web services to develop a comprehensive web application. The main functionality of the application is to provide a user-friendly interface to search for games and game-related news.