

Catalogue App

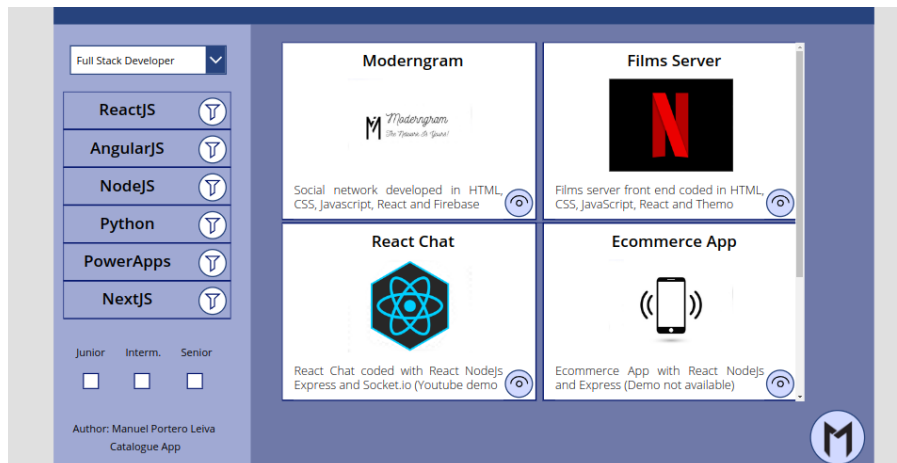
PowerApp Documentation
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Introduction

This document has the purpose to explain the different parts of the Catalogue App, its code and functionalities, for understanding and replication purposes. The different parts of the architecture solution are show below.



Picture 1: Catalogue App Main Layout

Architecture

The composition of the architecture starts in the PowerApp, the different galleries represented pull data from a unic Sharepoint list. Filters and state interactions are set in order improve the user experience.

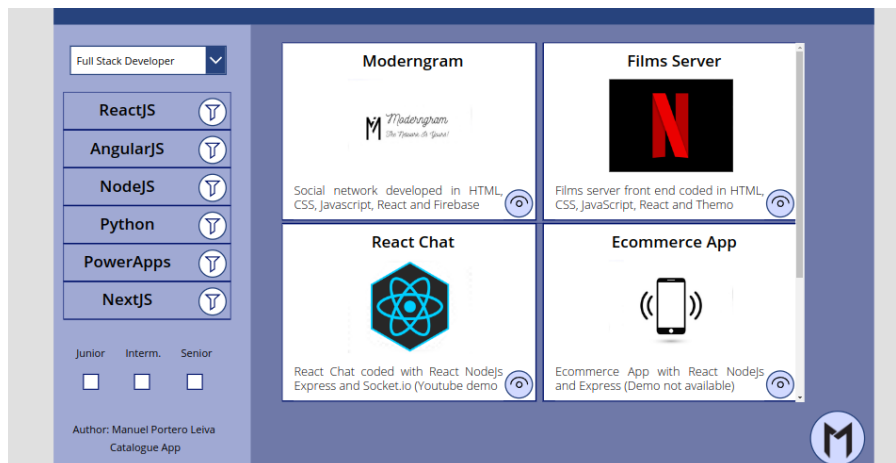
A full diagram of the solution is shown below.



Picture 2: Catalogue App solution Architecture

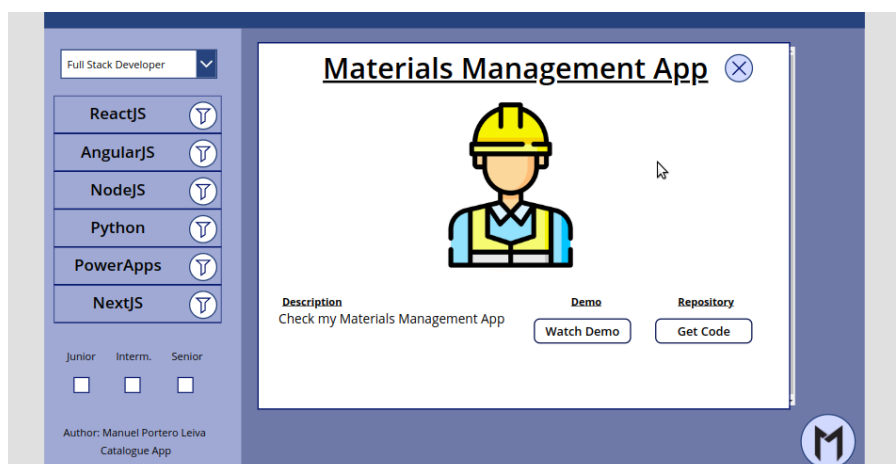
Main Screen

The main screen is composed by TechnologyGallery, depending of the Porfolio dropdown will display the different portfolios of the Sharepoint list. If we press the filter buttton in any technology. The ProjectsGallery will show the projects related with this tecnology. If we click one of the checkboxes the ProjectsGallery will filter the projects depending of the project's level.



Picture 3: Phone Catalogue App main Screen

Finally if we click the details button on the ProjectsGallery the Single Projects Gallery will appear, showing the details of the project, it's repository and a demo.



Picture 4: SingleProject Gallery

The Related code associated with the main screen it's shown below:

TechnologyGallery:

```
Distinct(  
    Search(  
        Catalogue;  
        PortfolioTypeDropdown.Selected.Result;  
        "Portfolio"  
    );  
    Title  
)
```

ProjectsGallery:

```
Filter(  
    Catalogue;  
    Title = TechnologyGallery.Selected.Result;  
    If(  
        juniorVar = "true";  
        Level = "Junior";  
        true  
    );  
    If(  
        InterVar = "true";  
        Level = "Intermediate";  
        true  
    );  
    If(  
        SeniorVar = "true";  
        Level = "Senior";  
        true  
    )  
)
```

Portfolio Dropdown:

Distinct(Catalogue;Portfolio)

SingleProjectGallery:

ProjectsGallery.Selected