

Case Study: PFPF



Technical Specifications:

Programming: .Net MVC, C#

Design: HTML5, CSS3, Bootstrap, jQuery data table etc.

Database: MSSQL Stored Procedure.

Background:

PPFP or **Pharmacy Product File Portal** is a Pharmacy Portal which streamlines the process where Pharmacy Users place orders directly to suppliers directly from a mobile device. This portal is used only by professionals working in the Pharmacy Supply Chain and Pharmacy Retail sector to market and launch new products to pharmacy members. By having all the products listed in the PFPF portal, ensures a single location where all the Front of Shop Pharmacy Customers can easily download the entire product range for scanning on their tills.

The screenshot shows the homepage of the Pharmacy Product File Portal. At the top left is the PHARMA IT logo. To the right are navigation links for 'HOME', 'WHY PFPF', and a 'SIGN IN' button with a user icon. The main content area features a large blue-tinted image of pharmacy shelves. Overlaid on this is a white text box with the heading 'Welcome to our Pharmacy Product File Portal.' Below the heading is a paragraph of text describing the portal's purpose and features. A video player is embedded in the lower right of the text box, showing a video titled 'introducing "Pharmacy Product File Portal"'. At the bottom of the text box, a disclaimer states: 'This site is for use only by professionals working in the Pharmacy Supply Chain and Pharmacy Retail sector.'



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The PFP web application contains the following modules:

- Super Admin
- Pharmacy Supplier
- Retail Pharmacy User

Registration:

When a user enters the website, he can get himself registered either as a Retail Pharmacy User or a Pharmacy Supplier. A new visual notification is added to indicate to the users if they are linked to a Pharmacy Group/Chain. A Pharmacy Users' Group/Chain name will appear directly underneath their names in the profile section.

Super Admin Roles:

Super Admin is responsible for maintaining and supporting the overall system layout and content. He can see all Wants and Orders. He needs to assign a specific supplier to the user.

Pharmacy Supplier:

Pharmacy Suppliers can submit their orders to the users they are assigned to. Each supplier uploads his products for easy access to the users.

Retail Pharmacy User Roles:

They can only see the orders that are linked to their username and submitted to them by the assigned suppliers. They can download the products that are uploaded by the Supplier.

Problem:

- The most challenging task for us was to bind the data in jQuery Data table.
- Second challenge was that if there were more than 100 products in any chosen filter results, the screen would scroll to allow the user to view the entire matching list and the last selected products got hidden.

Solutions:

- To bind the data in JQuery data table we selected only a particular number of records to be bound.
- To avoid the hiding of the previously selected products in the front-end, we stored all the products in a session.

Result:

Upon completion, the final deliverable was an easy to use, user friendly and fully functional web application for Pharmacy users to order pharmaceuticals online directly from the suppliers and that for the suppliers to upload samples and market any of their newly available stock.

