

The logo features the text "pharmacyShelfPlus" in a bold, dark blue, sans-serif font. The text is centered within a large, light cream-colored circle. This circle is positioned in the upper half of the image, overlapping a dark blue curved shape at the bottom. The background is composed of three vertical sections: a light blue section on the left, a central cream-colored section containing the logo, and a light red section on the right.

pharmacyShelfPlus

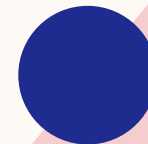
OUTLINE

User Stories

Planning

Design

2



USER STORIES

'Printing Shelf Labels with our current system is complicated and can't be bothered'

Shelf labels for specials are currently printed by exporting a CSV from the Point of Sale system and then hacking a mail merge in Word

'Sometimes when Specials come through from Buying Group – our standard prices are cheaper...'

Staff would like to see some sort of alert that warns that standard prices are cheaper than the buying group Specials Price

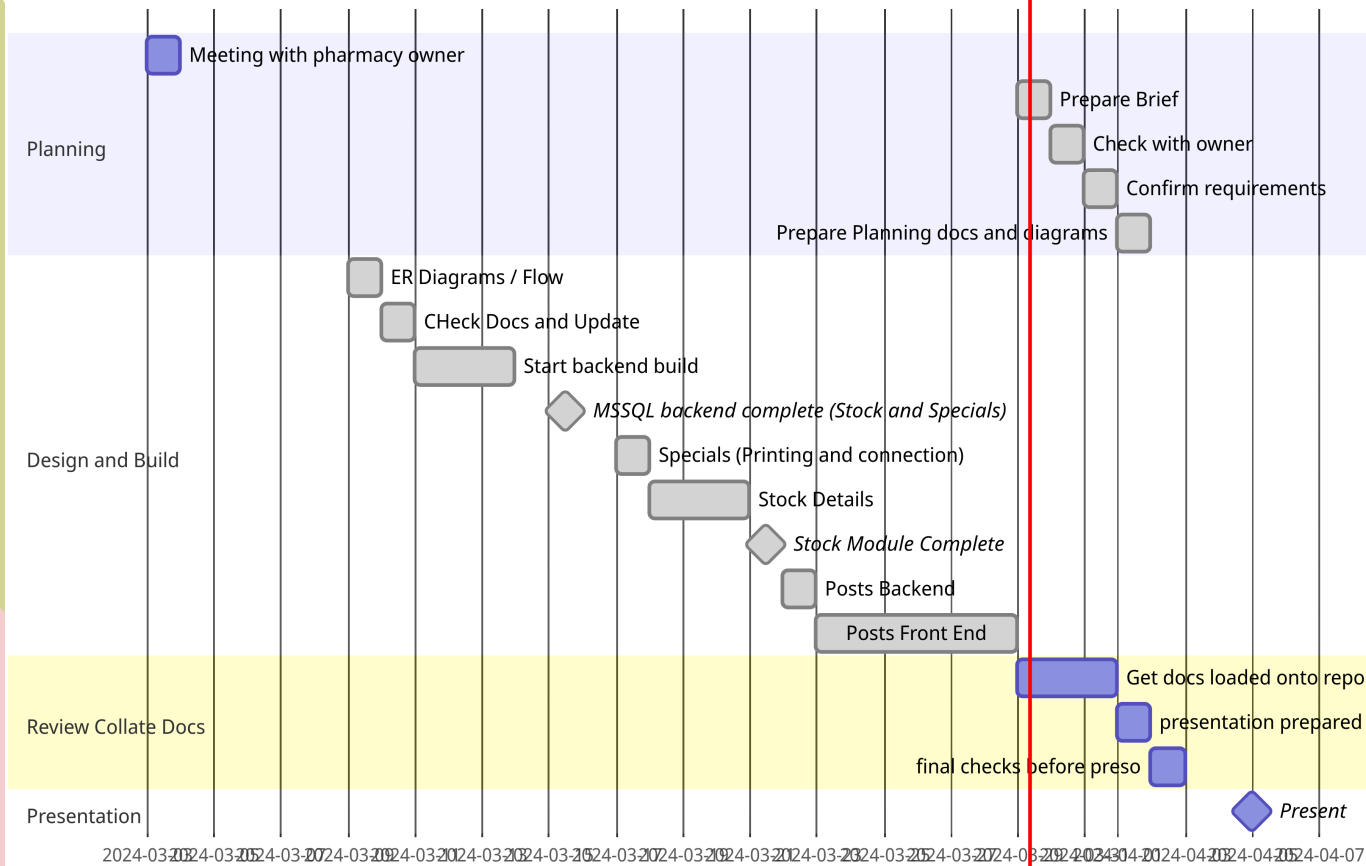
'When there are changes we have to hear it word of mouth or find random notices in the staff notice board'

Staff would like to have notices in one place where they can be viewed easily. Also they would like to be able to place notices if needed.

PLANNING

4

Capstone Project



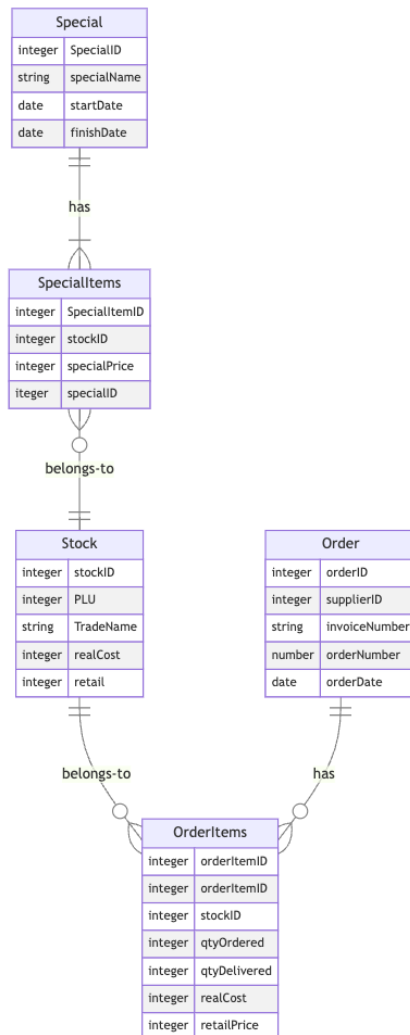
Planning Documents

GANTT Chart

Entity Relationship Diagrams

UI Design

Stock and Specials



BACK END SERVICES

Microsoft SQL Server

Main Database for Stock / Specials / Orders and Sales
Relationship models built into back end and based on the original database set up.
Now uses live data rather than JSON files.

MySQL

Currently holds Notices data table and will ultimately add tables for notice acknowledgements – so we can track staff who have viewed the posts. May add the ability to ask questions about a notice

USER INTERFACE

- React Library for UI
- Material MUI for most pages
- Stock Details Page –
 - The main addition to the project since the mini project
 - Uses Axios to fetch data first to stock api call for basic stock details – search by stock ID
 - Chart component makes call to Stock History for monthly sales data – last 12 months
 - Order History makes call to Order Items table to get 12 months order history.
 - Stock Details can be accessed by searching for the item in Stock Search page, or through the specials page
 - Weird thing is that Cost Price and Retail price are stored as integers in database (so cents) and have to be converted to a dollar value
- Specials Page
 - Added code to highlight where our standard retail is actually cheaper than the special price – allows user to identify when not to put out Special Shelf Labels
- Notices – this displays on Front Page – decided that this was not the most pressing part – so at this stage no user interaction, but can edit and delete posts.

NEXT STEPS

- Stock Details
 - Show additional sales details (last 3 months sales list) – ability to click in and view the sales
 - Use the “Days Supply” column in Stock Table to report on customers who may be close to running out of a supplement (For example customer buys 60 Magnesium capsules, and we can report on those who are close to running out and direct market them)
- User login – proposed way is have a “Super User” who logs in in the morning, and then staff can use pins to access on that device for the rest of the day. Loosely this would mean the super user state is stored as logged in and anyone else with a pin can use – device will log out Super User after an hour of non use
- Debtors reports – this is a bigger project but will allow us to view Debtors and edit payments to report back to main database – this has to be done carefully.