# Lilly Technical Challenge Documentation Template

*This documentation template serves as a place for you to discuss how you approached this challenge, any issues you faced & how you overcame them, or any other points that you feel would be relevant for the interviewers to know. The text in italics is here to guide you - feel free to remove it once you fill out each section!*

***Not every section in this document is required. This is just a template to help get you started. Feel free to add or remove sections as you feel necessary.***

## Approach

*How did you approach this challenge? Did you work through the objectives in any particular order? If so, why? Did you utilize any external resources, such as tutorials, guides, or other materials?*

Objectives:

1. Fetch Data from the backend and display it on frontend
2. Allow frontend to handle invalid/missing data
3. Provide Front End Solutions to support information being sent to backend
4. Customise Frontend Design to look more appealing. - Maybe look at Lilly UK for themes/examples of what I can design off
5. Create a backend function to handle the average prices of all medicines

Firstly, I set up my local branch and downloaded the requirements. Then I opened the index file to get a visual representation of what already exists in the front end (for consideration to objectives 1 & 4). Then downloaded Postman, started up my backend server, and listened to the server to retrieve a “GET” request to see what medicine was on the database. (Considerations for objectives 1, 2, and 3).

Plan: Start by focusing on the backend to retrieve and handle invalid data (missing data). Allow front end concern itself with presenting.

## Objectives - Innovative Solutions

*For the challenge objectives, did you do anything in a particular way that you want to discuss? Is there anything you're particularly proud of that you want to highlight? Did you attempt some objectives multiple times, or go back and re-write particular sections of code? If so, why? Use this space to document any key points you'd like to tell us about.*

## Problems Faced

*Use this space to document and discuss any issues you faced while undertaking this challenge and how you solved them. We recommend doing this proactively as you experience and resolve the issues - make sure you don't forget! (Screenshots are helpful, though not required).*

* Running the install scripts (.ps1) – Unable to find requirements file.

When reading the script, found that the file it’s looking for is located within the ‘Backend’ folder.

Deleted venv folder from root folder, and retried the installation using the .bat file instead (This installation script worked).

* Terminal - Failure: A computer screen shot of a program code

  Description automatically generated

## Evaluation

*How did you feel about the challenge overall? Did some parts go better than others? Did you run out of time? If you were to do this again, and were given more time, what would you do differently?*