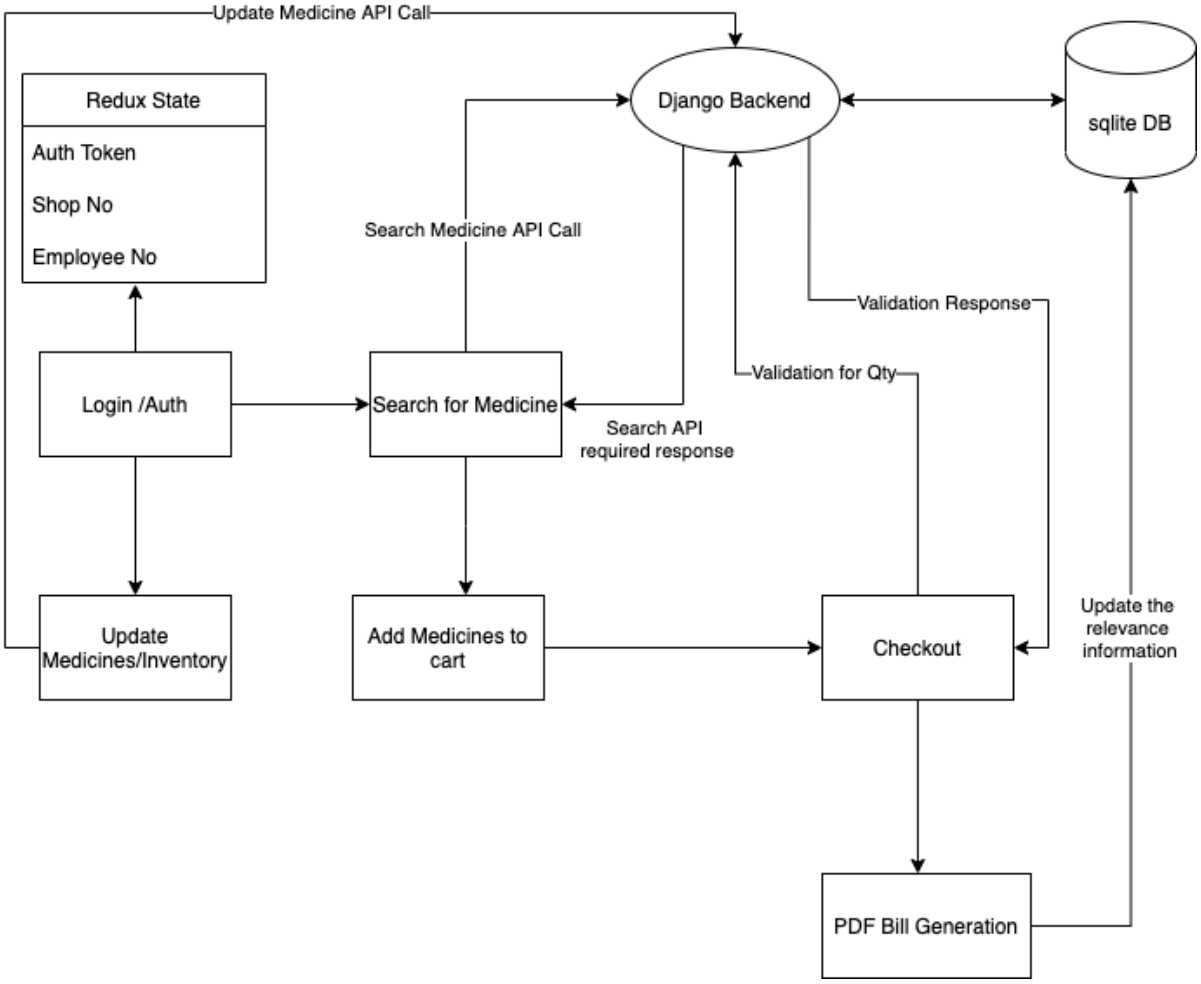
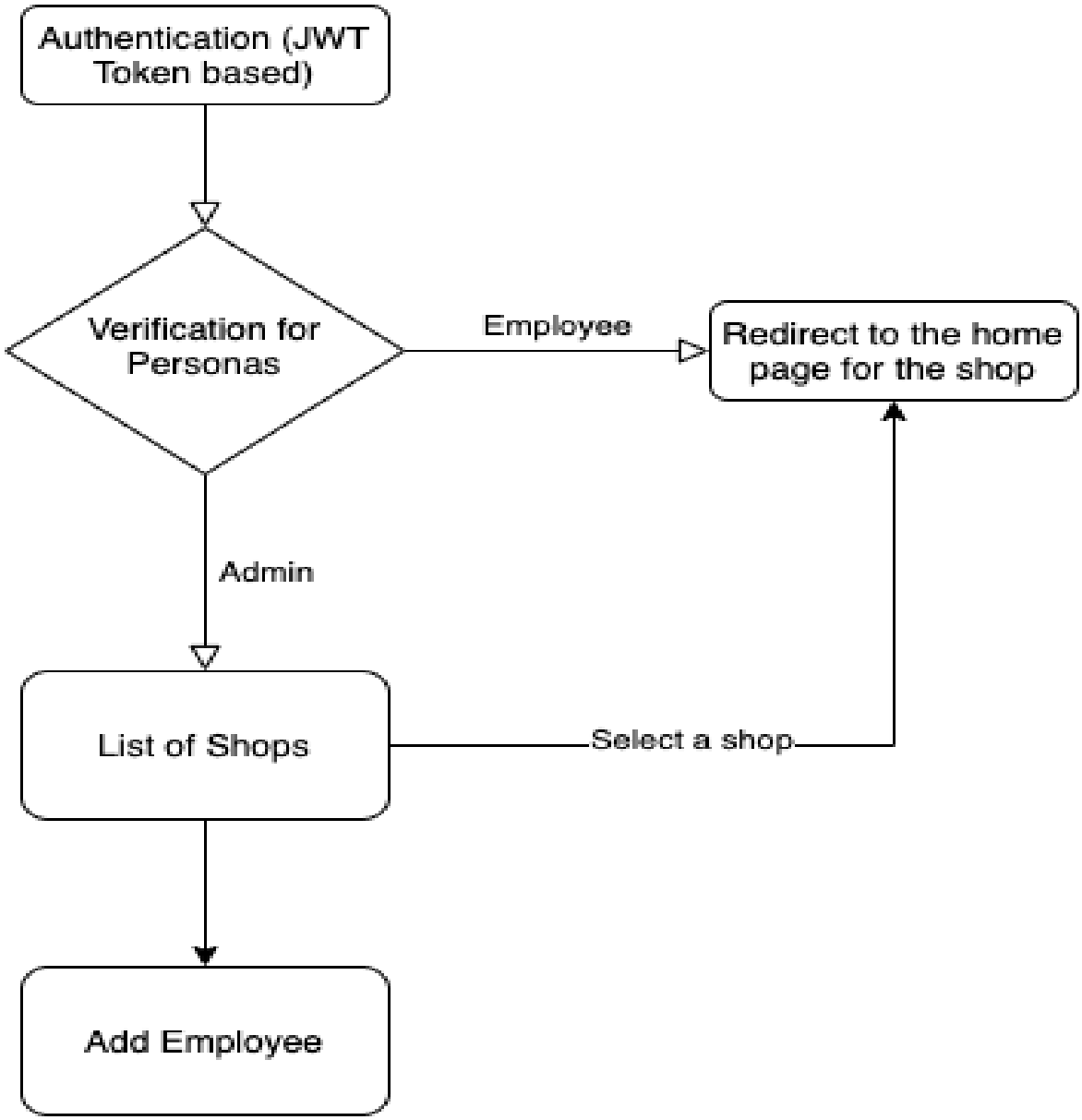
Components Flowchart



Auth Flow


Authentication (JWT Token based)
Verification for Personas
Employee
Redirect to the home page for the shop
Admin
List of Shops
Select a shop
Add Employee

Searching Capabilities

The search Api will be catering different type of results. :

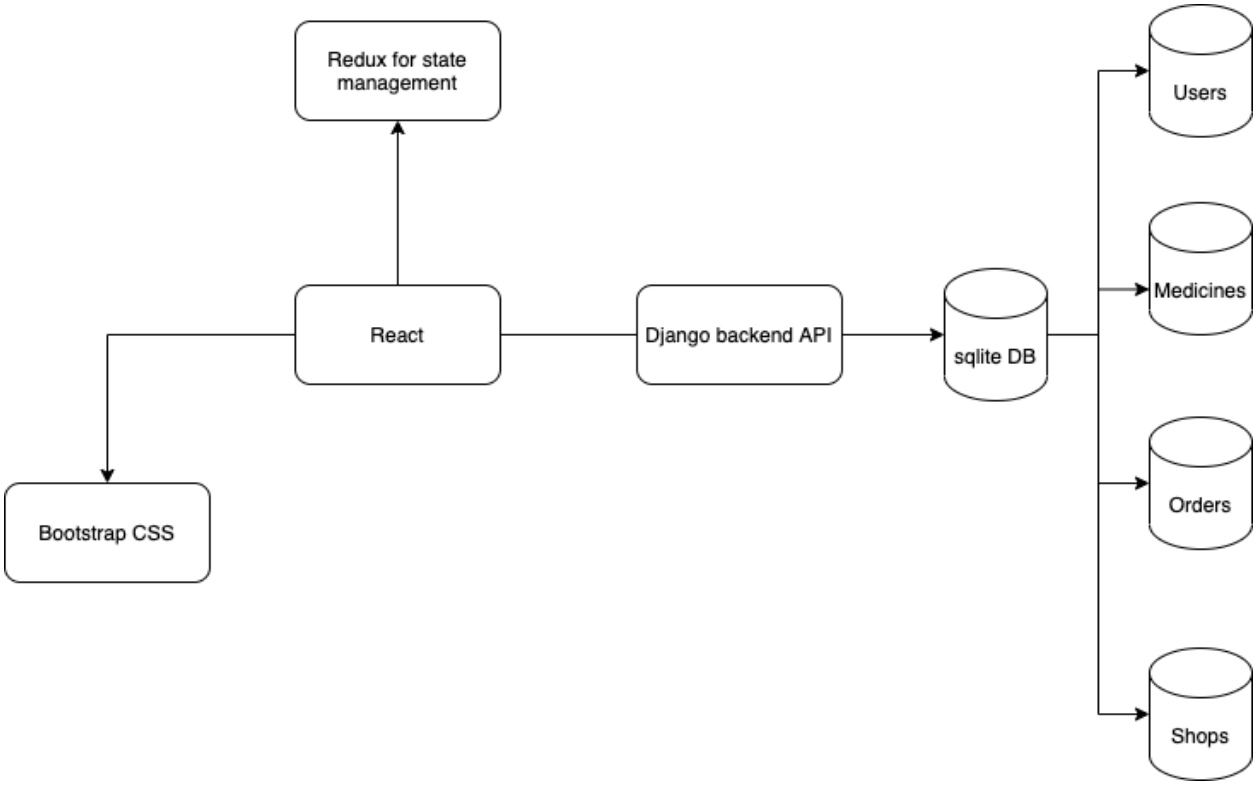
1. **Filtered** :-
    a. Company Name
    b. Composition
    c. Type (Injection/Tablet/Lotion)
    d. Etc.
2. **Sorted**
    a. Relevance : Based on the fact that how many time the medicine has been searched and ordered
    b. Price : High to low or low to high
3. **Plain**

The Api will return a json containing the information about the search. The search api works on the basis of

Billing and Checkout Validation

There are 2 steps to the process of billing :

In order to prevent concurrency issue, whenever a checkout its raised, it will be first validated against the current db state, in terms of medicine quantity availability, etc. If the check passes, then we can create an invoice based on the PDF generation API.

After the bill is generated, a relevance update is required, on the basis of medicine ordered.

Overall Tech Architecture