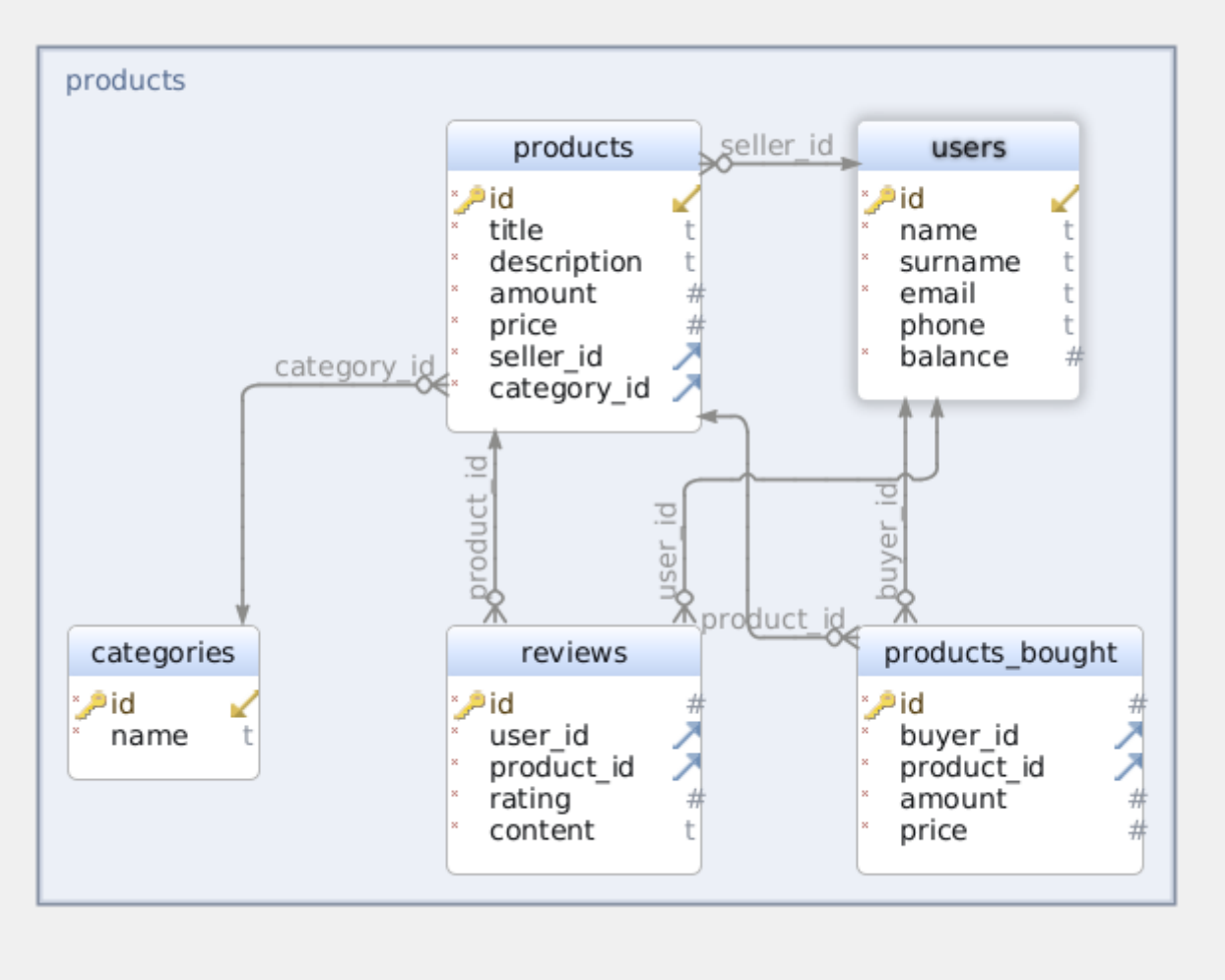
Project description

My selected project pertains to the development of a online shop.

The core features to be included in this application are:

1. Selling products.
2. Adding products.
3. Removing products.
4. Buing products.
5. Filtering products.
6. Adding a review.
7. Editing an entry
8. Registering a user.
9. Logging in.

That's how I've planned to structure the data in my database:



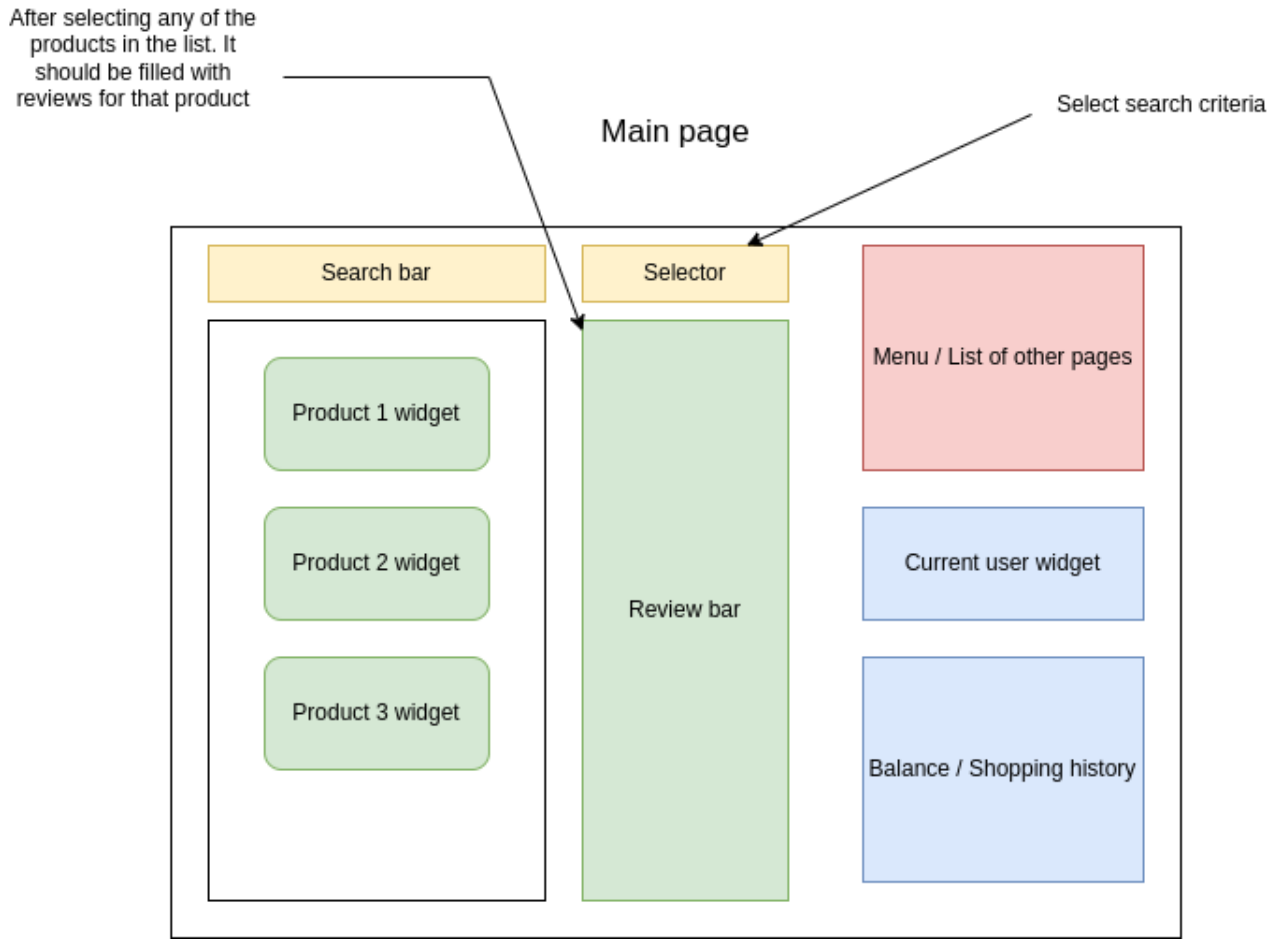
Because I've chosen to create a webapp, I want my infrastructure to *most likely* consist of:

1. Sqlite database
2. C++ based REST api (Most likely written with the usage of the 'Drogon'/'Oat++' framework)
3. Basic frontend (Most likely written in pure html/css/js or in React)

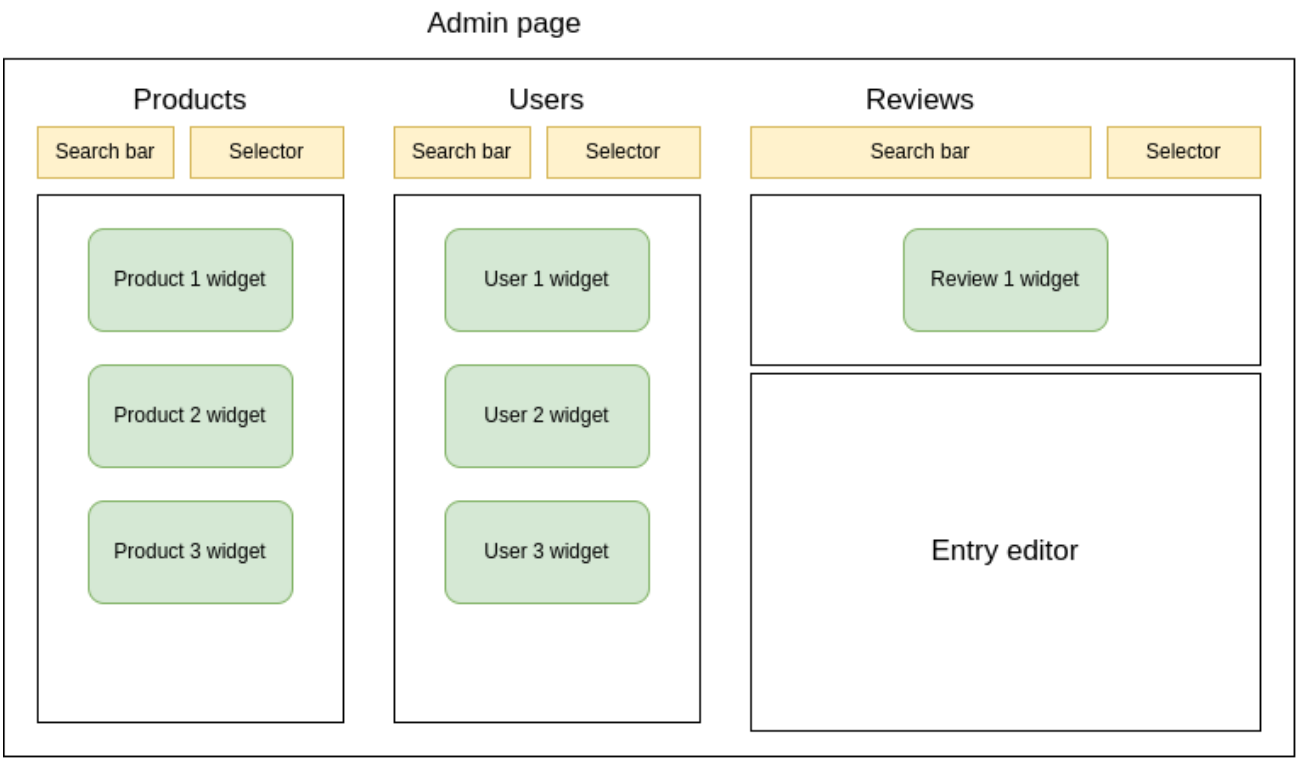
I'm also aiming at wrapping everything in a one deployable docker container.

The user interface should consist of:

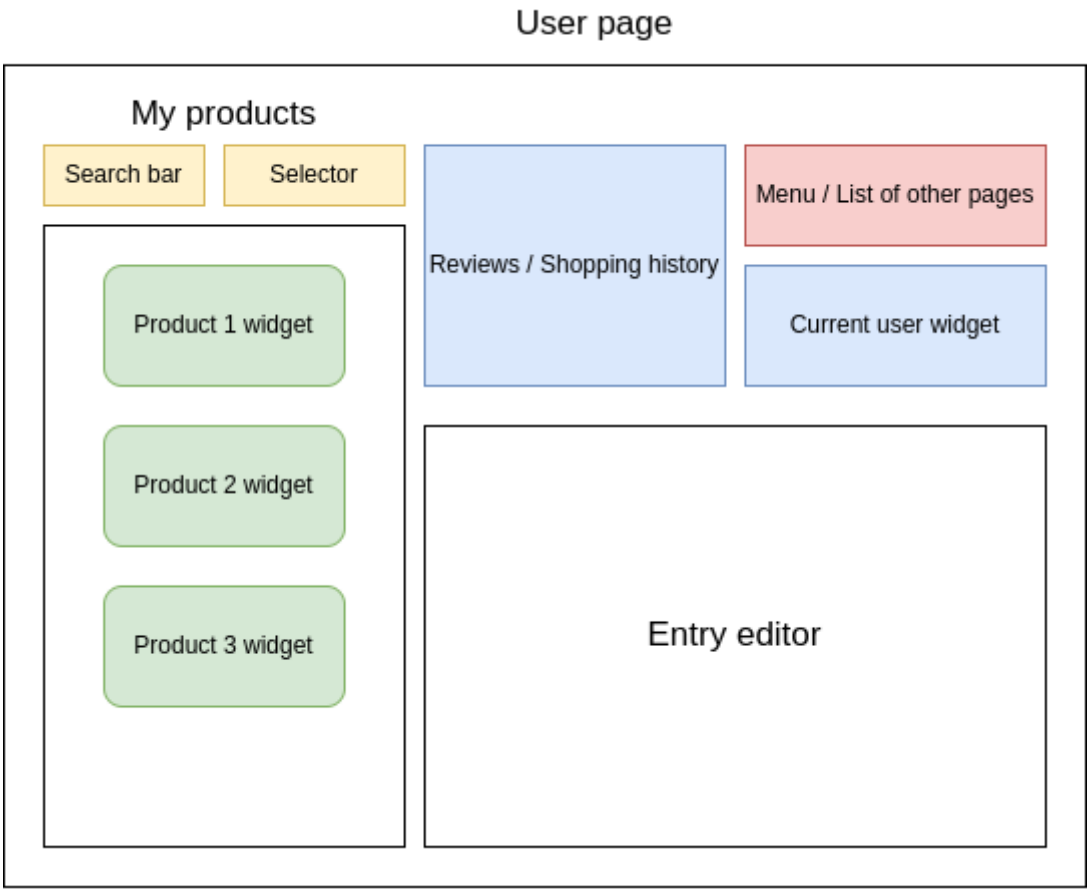
1. The main page (Used for buying products / checking their availability):



2. Admin page

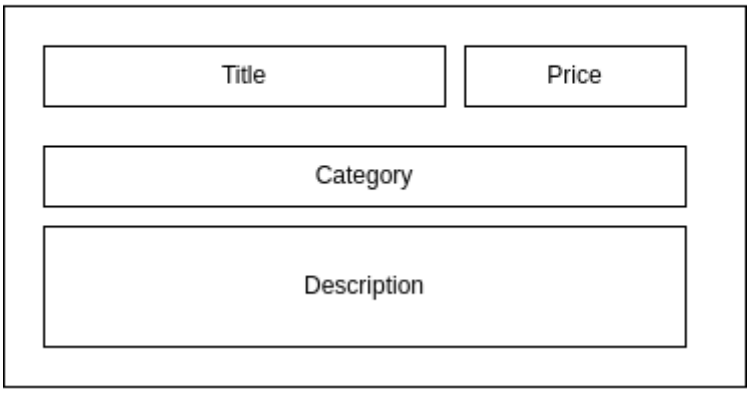


3. User page

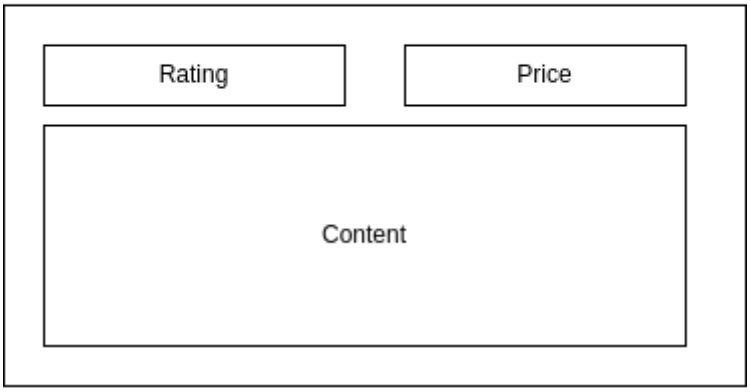
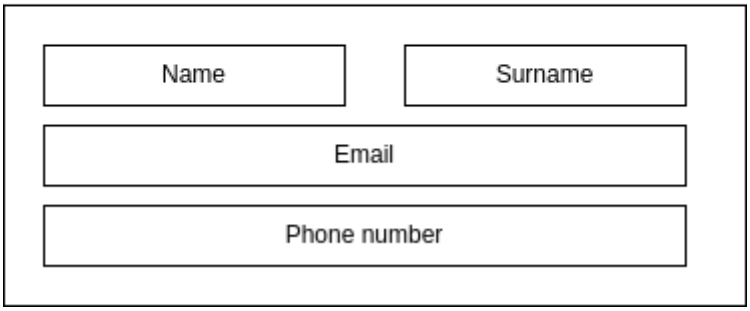


All of the pages will use some variants of these basic widgets:

Product widget



Review widget



User widget