

CSCI 5448: Object-Oriented Analysis & Design

Project 6

Anuj Bhavani Shankar | Rajiv Srivatsava Vangala

Work Done

- Project set-up(Rajiv, Anuj) : This involved setting up the dev environment along with creating database tables with their constraints.
- Login view with Spring security(Rajiv) : This involved creating the landing page for the application, that is, the Login page which was implemented along with Spring security.
- Vendor view(Anuj) : This task involved creating the homepage for a user who Logged in as a Vendor.

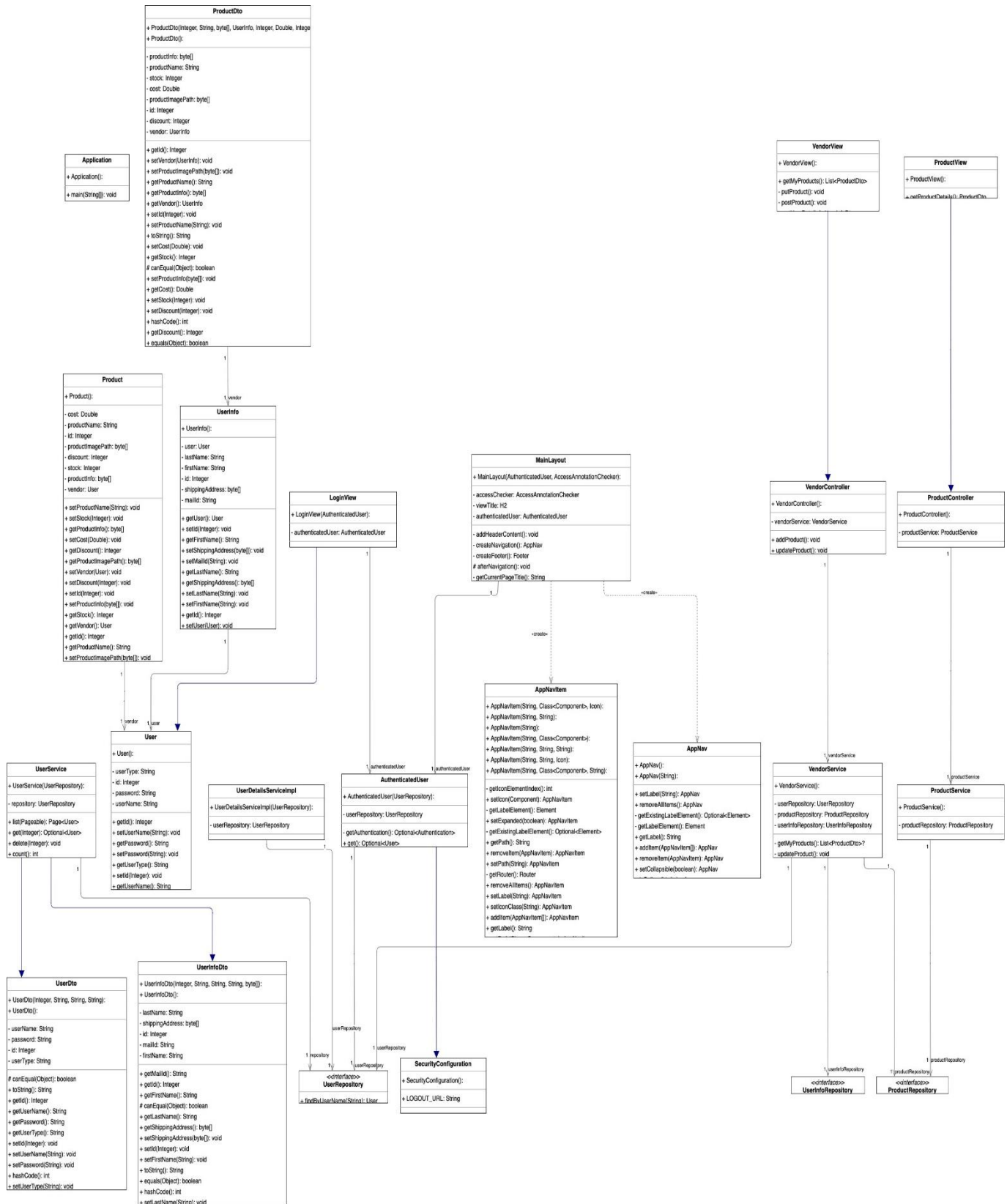
Changes/ Challenges

- Our initial plan was to use manual authentication but instead decided to go with Spring security due to its superior capabilities.
- As Vaadin was new to both of us, we spent majority of our time in this Sprint understanding its working.

Patterns Implemented

- The loading of the Vendor view uses Composite pattern as the page loads it's child components such as list of products, Add product, etc.
- Singleton for Password Encoder

Class Diagram of functionality implemented



Plan for next Sprint

- Currently, we are adding users manually to the database, we'll make the process to be possible through a sign-in page.
- We'll be working on the Customer view which will contain a non-editable version of the product catalog and product views from the Vendor view.
- We'll implement the cart and favorites pages for the customer view.
- We'll implement the Order History for the customer view.