Vanier College
Faculty of Science and Technology

Application Development (Desktop)
420-942-VA (sect. 01222)

Deliverable 2
Optical Store Management System (OCMS)
2023-10-19

Team Members:
Shunzi (Chelsea) Yao
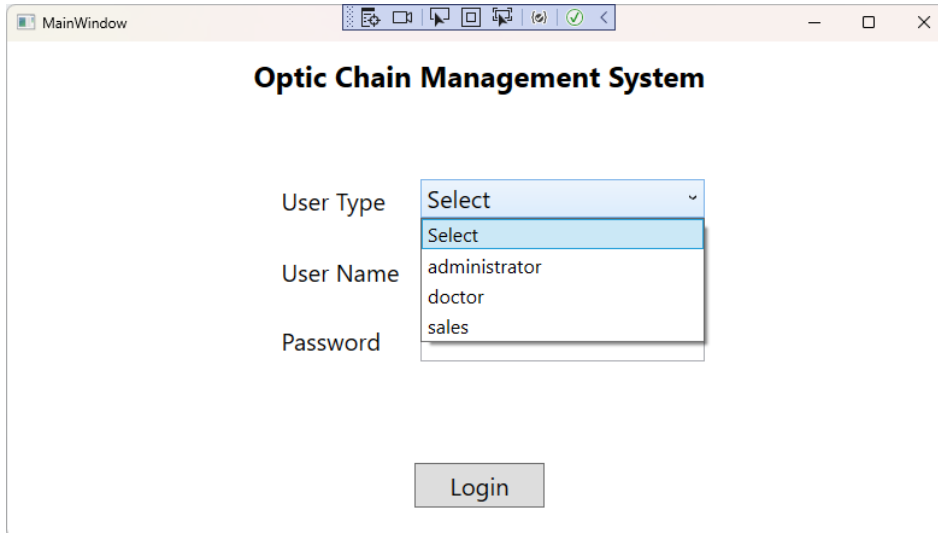**Ana Pechonkin**

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Work in Progress

1.Login Window

The application initiates with a login window.

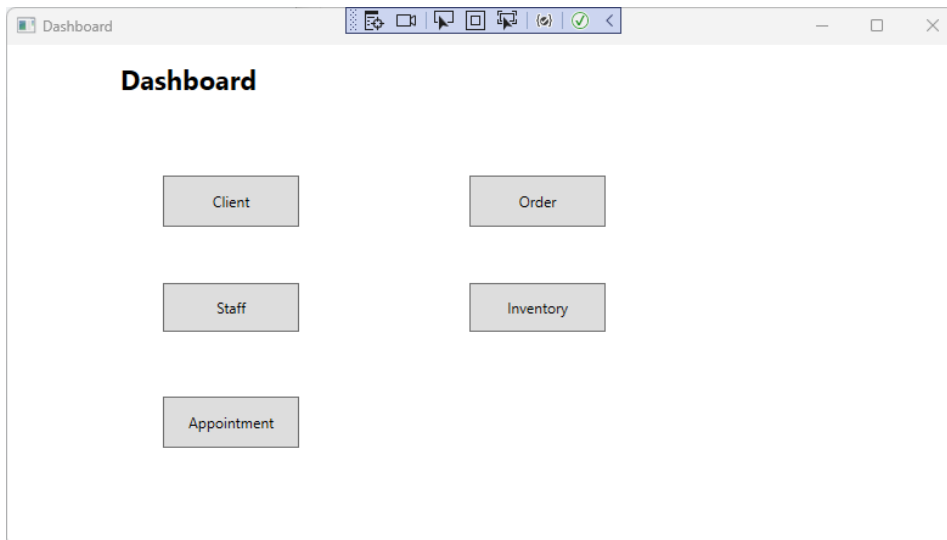Three different user types can log in: Admin, Sales, and Doctor.

2. Dashboard:

After a successful login, users are directed to the dashboard. The dashboard contains 5 buttons: Client, Staff, Appointment, Order, and Inventory.
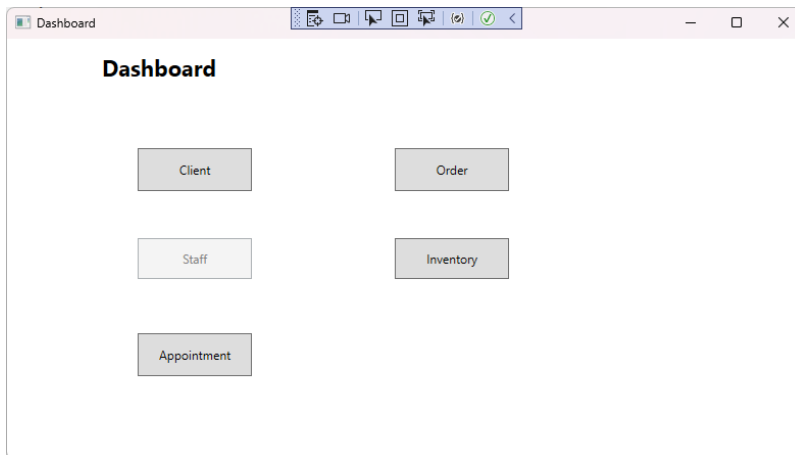
Different user types have different access.

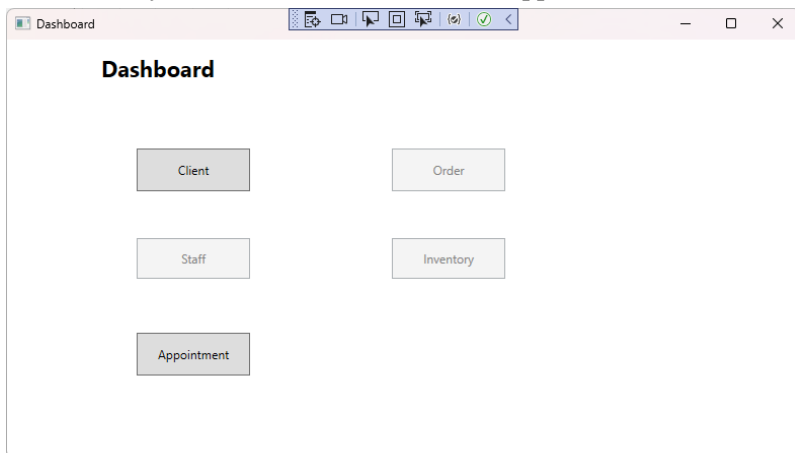**Admin:** Has access to all functionalities on the dashboard.

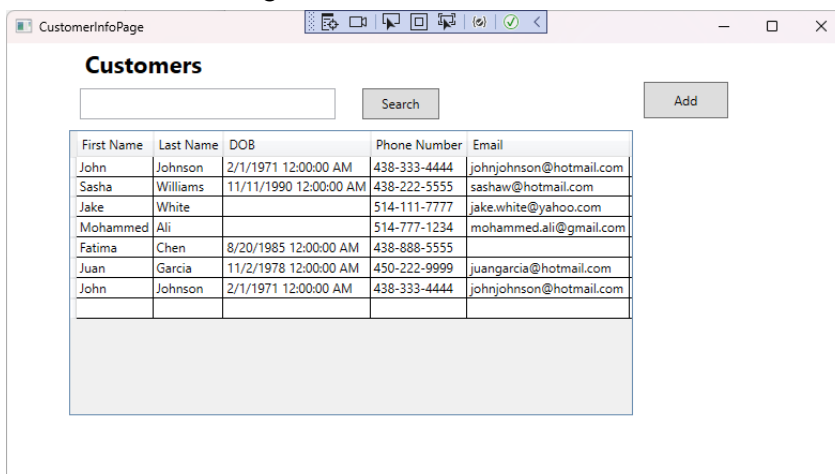**Sales:** Cannot access the Staff section.

Doctor: Only has access to the Client and Appointment sections.
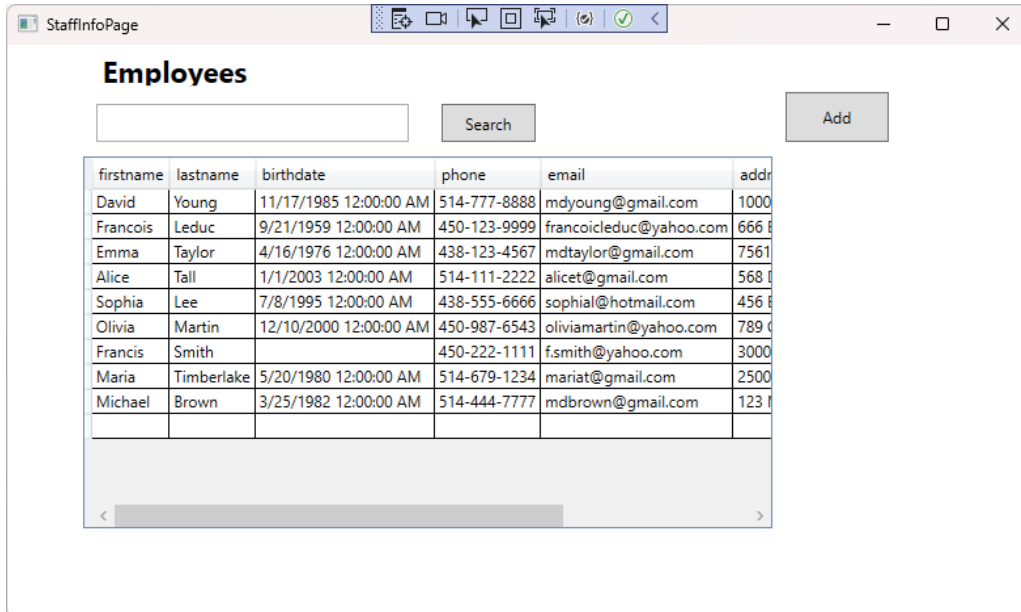

3. Customers Info page

- Database Integration: Customer information is fetched and displayed from the database in real time.
- Search Functionality: Users can search for details using name, phone number, or ID.
- Addition of New Entries: An 'Add' button redirects to a detail page where users can add a new customer along with their detailed information.

4. Employee Info Page

Has the same functionalities as the Customers' info page.
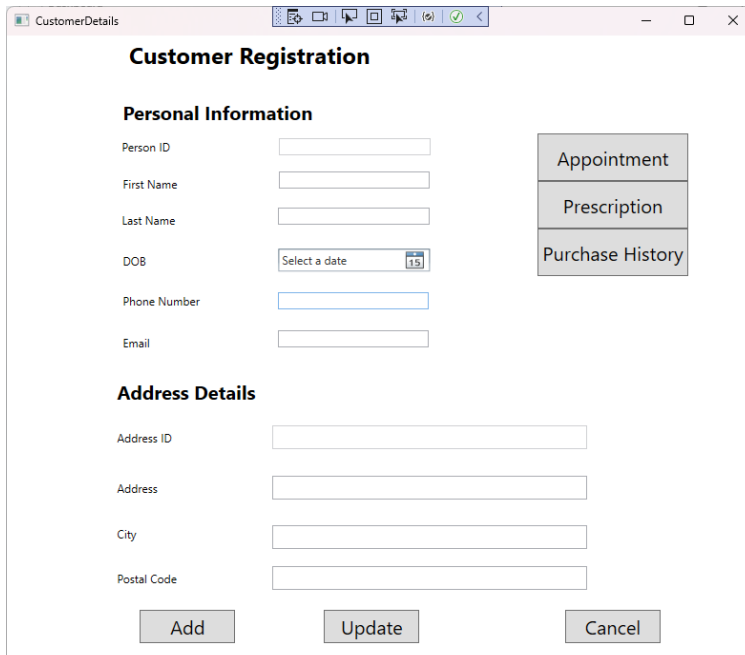

5. Customer Detail Page

Users can add and update customer information.

Future functionalities to be implemented:

The appointment button will bring the user to the appointment page, where they can see all appointments or search for a specific one.

The prescription button will bring the user to the prescription page, where they can see all prescriptions or search for a specific one.

The purchase history button will bring to the order list where the user can search through all client purchases.
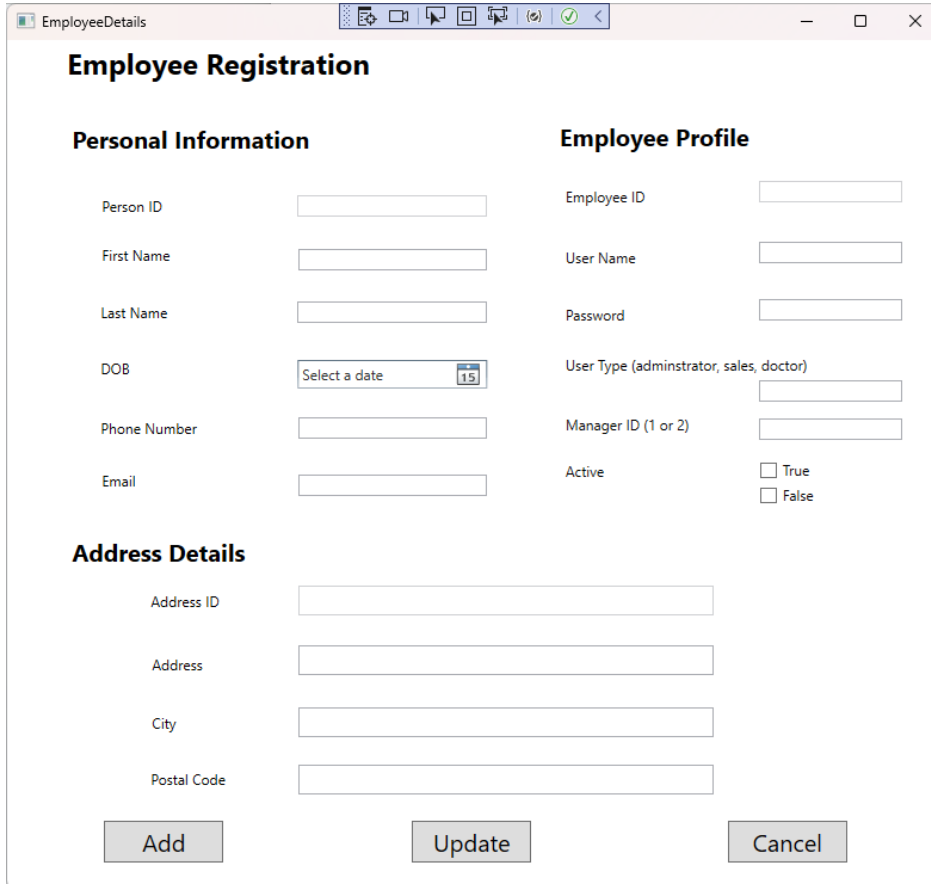
6. Employee Detail Page

User can add or update employee information.

7. Database:

Tools Finalized

For the development of our application OCMS, our team has chosen to use the WPF .Net Framework 4.7.2. For database management, we are employing PostgreSQL version 15. In the initial stages of our project, we decided to use Datagrip as our tool of choice to create our database schema and structure. Then, we imported the database into pgAdmin 4 for thorough testing and its continued use throughout the development process.

Plan for the Upcoming 4 Weeks:

Week 1 (Ending October 22):

Chelsea: will be responsible for completing the Appointment and Prescription Search Pages.
Ana: will be responsible for completing the Appointment and Prescription Detail Pages.

Week 2 (Ending October 28):

Chelsea: will be responsible for completing the Order and Product Detail Pages.
Ana: will be responsible for completing the Order and Inventory Search Pages.
Both: will improve the design by adding some color and icons.

Week 3 (Ending November 3):

During this week, our primary focus will be on migrating our existing database to a REST API-based database. We will collaborate to ensure the smooth transition and integration of this new database system.

Week 4 (Ending November 9):

This week will be dedicated to rigorous testing of our OCMS application. We aim to identify and rectify any potential bugs or inefficiencies. This ensures our project is up to standard by November 9, the last day of our class.

Contribution and Work Distribution:

In the spirit of transparency and ensuring equitable distribution of work, each team member has detailed their contributions to the project.

Chelsea: was responsible for designing and implementing the Dashboard, Customer, and Staff Search Pages. This constituted 50% of the overall application development work. For the Deliverable 2 document, Chelsea contributed 50% of its content and structure.

Ana: was responsible for designing and implementing the Login, Customer, and Staff Detail Pages. This constituted 50% of the overall application development work. For the Deliverable 2 document, Ana contributed 50% of its content and structure.

This is a self-declaration, and we attest to the honesty and accuracy of the above distribution of tasks and contributions.