

**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:**  
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**Ana Pechonkin**

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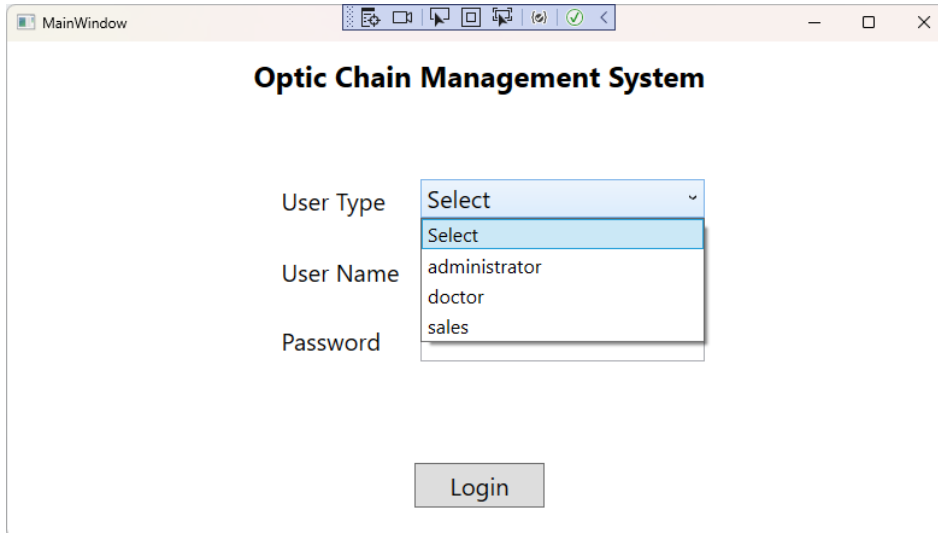
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# Work in Progress

## 1.Login Window

The application initiates with a login window.

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



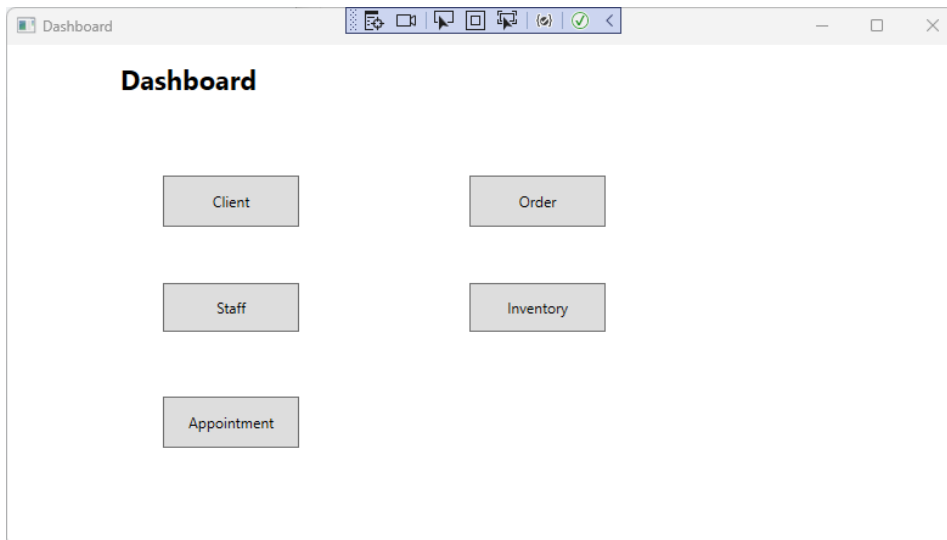
The screenshot shows a window titled "MainWindow" with the title bar. The main content area is titled "Optic Chain Management System". It contains a login form with three labels: "User Type", "User Name", and "Password". The "User Type" label is next to a dropdown menu that is currently open, showing a list of options: "Select", "administrator", "doctor", and "sales". The "User Name" and "Password" labels are next to empty text input fields. Below the input fields is a "Login" button.

## 2. Dashboard:

After a successful login, users are directed to the dashboard. The dashboard contains 5 buttons: Client, Staff, Appointment, Order, and Inventory.

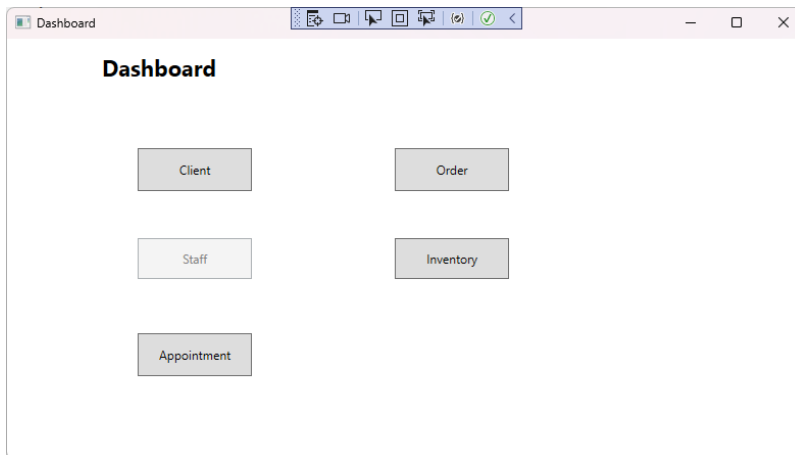
Different user types have different access.

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

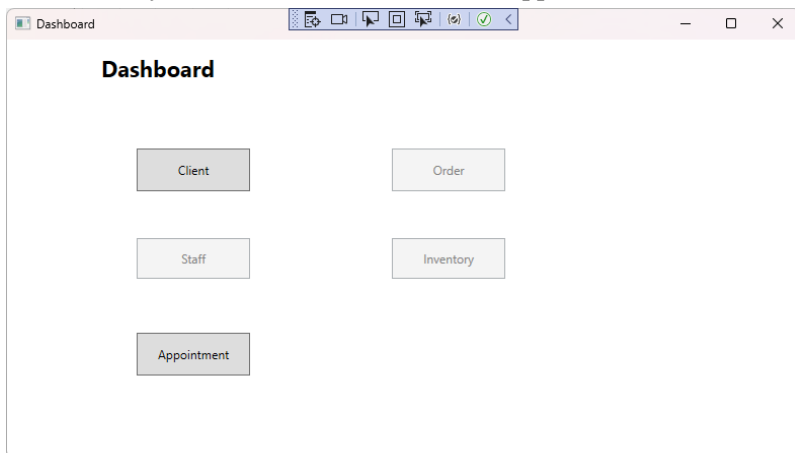


The screenshot shows a window titled "Dashboard" with the title bar. The main content area is titled "Dashboard". It contains five buttons arranged in a grid: "Client", "Order", "Staff", "Inventory", and "Appointment".

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

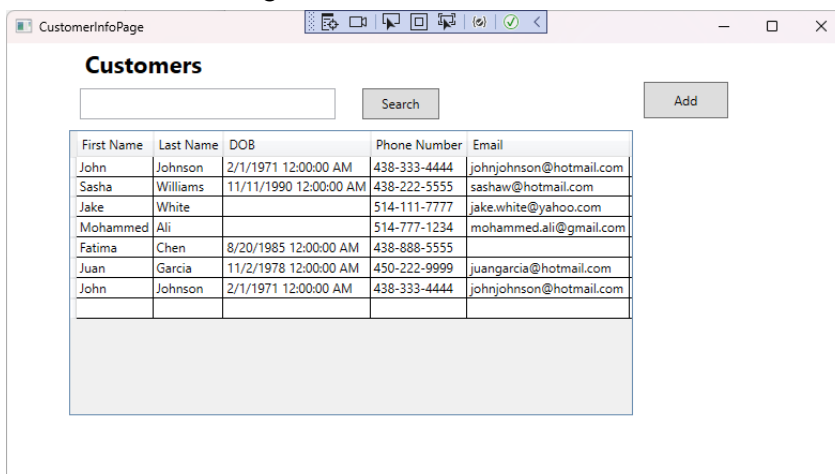


**Doctor:** Only has access to the Client and Appointment sections.



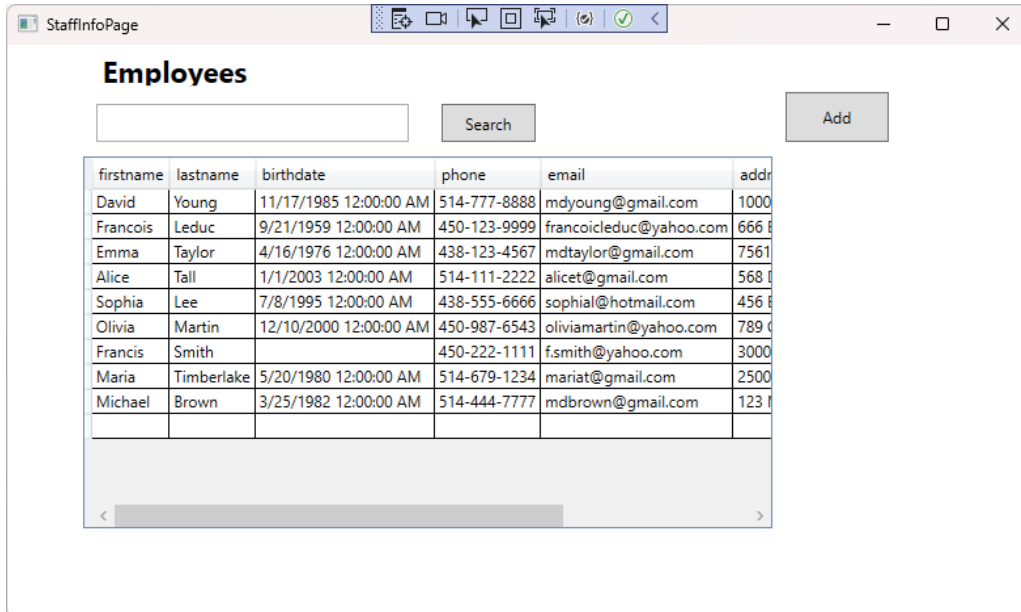
### 3. Customers Info page

- 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.



The screenshot shows a web application window titled "StaffInfoPage". It features a search bar, a "Search" button, and an "Add" button. Below these is a table with the following data:

firstname	lastname	birthdate	phone	email	address
David	Young	11/17/1985 12:00:00 AM	514-777-8888	mdyoung@gmail.com	1000
Francois	Leduc	9/21/1959 12:00:00 AM	450-123-9999	francoicleduc@yahoo.com	666
Emma	Taylor	4/16/1976 12:00:00 AM	438-123-4567	mdtaylor@gmail.com	7561
Alice	Tall	1/1/2003 12:00:00 AM	514-111-2222	alicet@gmail.com	568
Sophia	Lee	7/8/1995 12:00:00 AM	438-555-6666	sophial@hotmail.com	456
Olivia	Martin	12/10/2000 12:00:00 AM	450-987-6543	oliviamartin@yahoo.com	789
Francis	Smith		450-222-1111	f.smith@yahoo.com	3000
Maria	Timberlake	5/20/1980 12:00:00 AM	514-679-1234	mariat@gmail.com	2500
Michael	Brown	3/25/1982 12:00:00 AM	514-444-7777	mdbrown@gmail.com	123

#### 5. Customer Detail Page

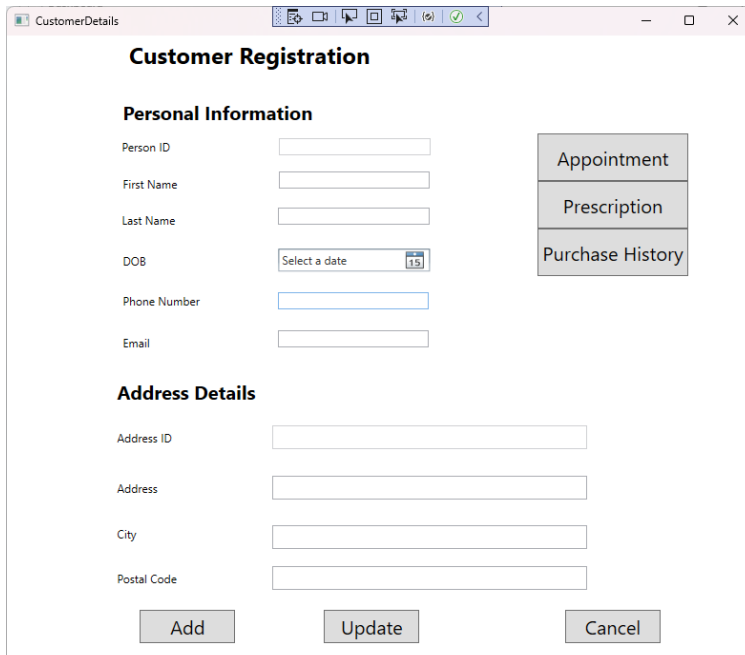
Users can add and update customer information.

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.



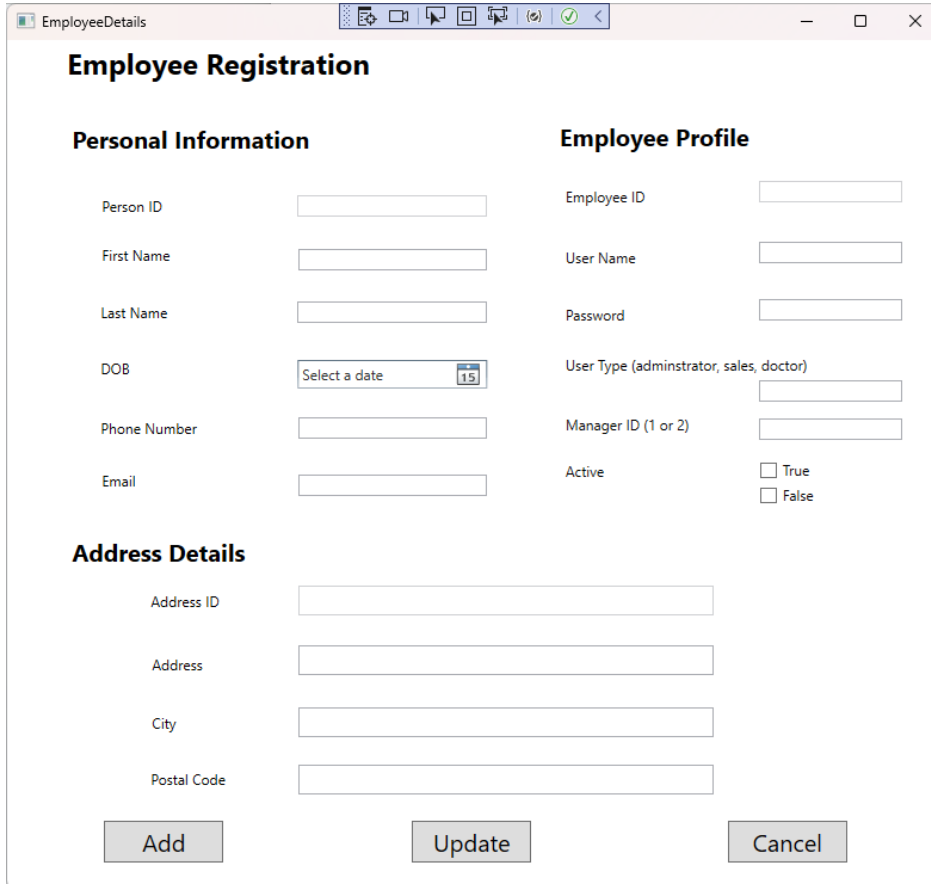
The screenshot shows a web application window titled "CustomerDetails". It features a "Customer Registration" form with the following sections:

- Personal Information**
  - Person ID:
  - First Name:
  - Last Name:
  - DOB:  (calendar icon)
  - Phone Number:
  - Email:
- Address Details**
  - Address ID:
  - Address:
  - City:
  - Postal Code:

At the bottom, there are three buttons: "Add", "Update", and "Cancel". On the right side, there are three buttons: "Appointment", "Prescription", and "Purchase History".

## 6. Employee Detail Page

User can add or update employee information.



The screenshot shows a web application window titled "EmployeeDetails". Inside, there is a form titled "Employee Registration". The form is divided into three sections: "Personal Information", "Employee Profile", and "Address Details".

**Personal Information**

- Person ID:
- First Name:
- Last Name:
- DOB:
- Phone Number:
- Email:

**Employee Profile**
















- Employee ID:
- User Name:
- Password:
- User Type (administrator, sales, doctor):
- Manager ID (1 or 2):
- Active: ☐ True ☐ False

**Address Details**

- Address ID:
- Address:
- City:
- Postal Code:

At the bottom of the form, there are three buttons: "Add", "Update", and "Cancel".

## 7. Database:

- ▼  Tables (14)
  - >  address
  - >  appointment
  - >  customer
  - >  doctor
  - >  frame
  - >  inventory
  - >  lens
  - >  order
  - >  order\_payment
  - >  payment
  - >  person
  - >  staff
  - >  store
  - >  store\_staff



## 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.