

University of Technology, Jamaica



Module Name: Advanced Programming

Module Code: CIT3009

Title: Advanced Programming Group Project

Group Members

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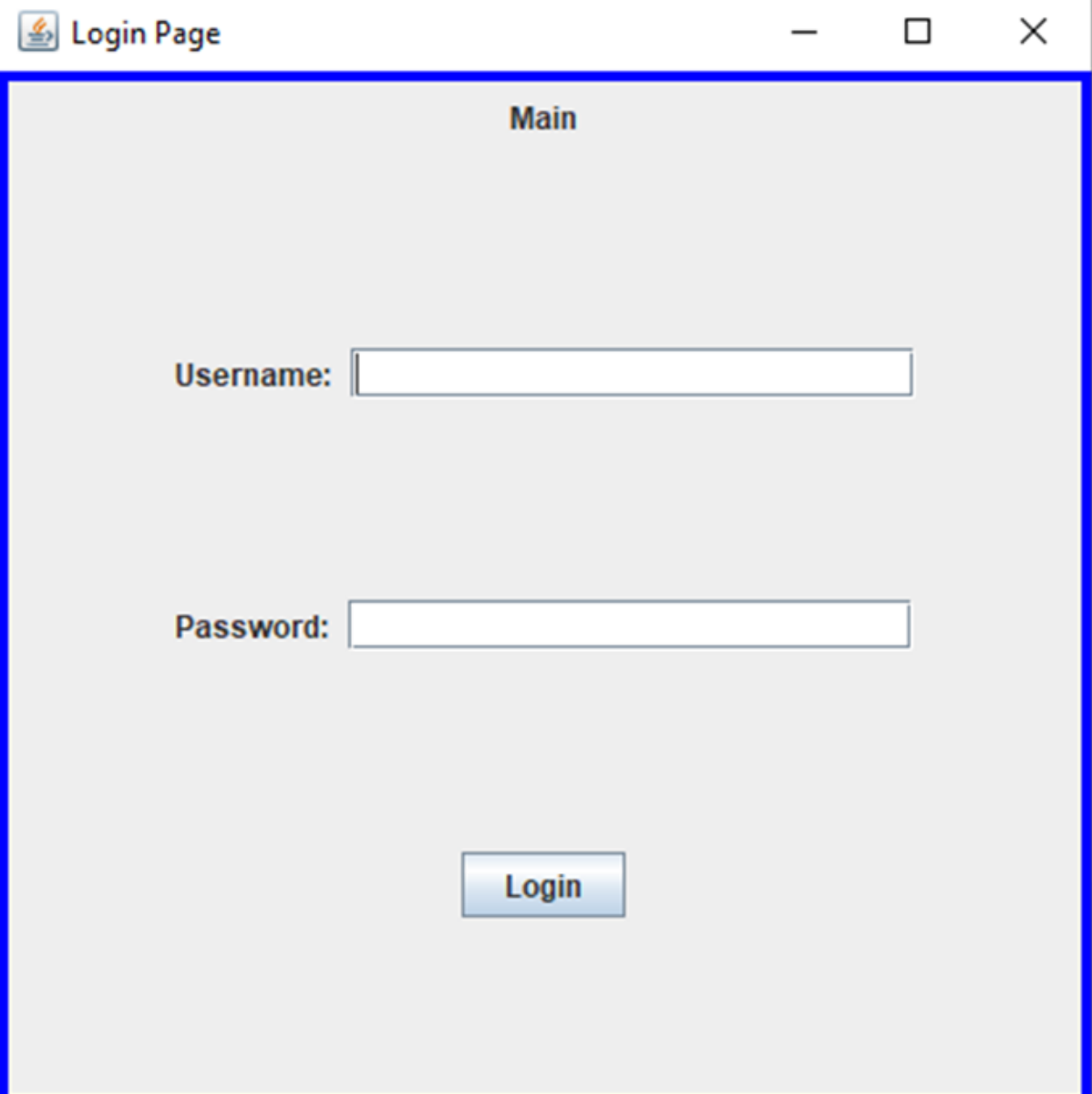
Teacher: Mr. Christopher Panther

Day/Time: Wednesday 3pm - 6pm

Date of Submission: November 11, 2022

Application User Manual

Login Page



The screenshot shows a window titled "Login Page" with a standard Windows-style title bar (minimize, maximize, close buttons). The main content area is light gray and contains the following elements:

- A label "Main" centered at the top of the content area.
- A "Username:" label followed by a text input field.
- A "Password:" label followed by a text input field.
- A "Login" button centered below the input fields.

After the user runs the program, the user will be presented with the login page, where they will input their username and password to gain access to the dashboard and its related features.

DashBoard



Once the user enters the correct credentials that are inside of the database, they will be logged in, where they will be presented with the dashboard. On the dashboard the user has the options of viewing the customer database, staff database, stock and inventory. They also have the options of checking out a customer, viewing of sales report, registering a customer or staff and logging out which will return a user to the login page .

Customer Database

Customer Database

Navigation

Logout

Customer Database

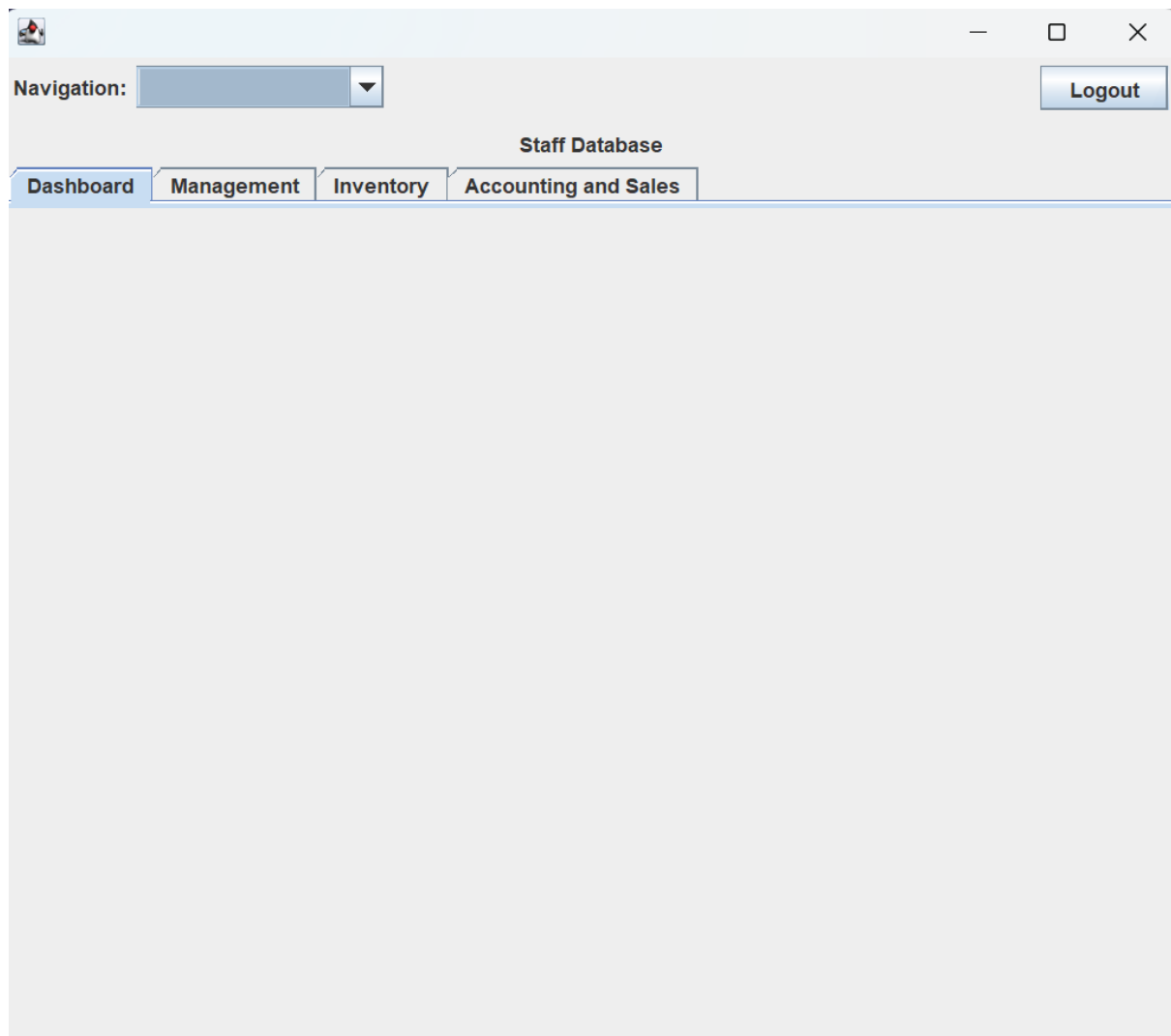
Search

Search

Customer ID	Name	DOB	Address	Telephone	Email	Date of Membership	Date of Membership Expiry
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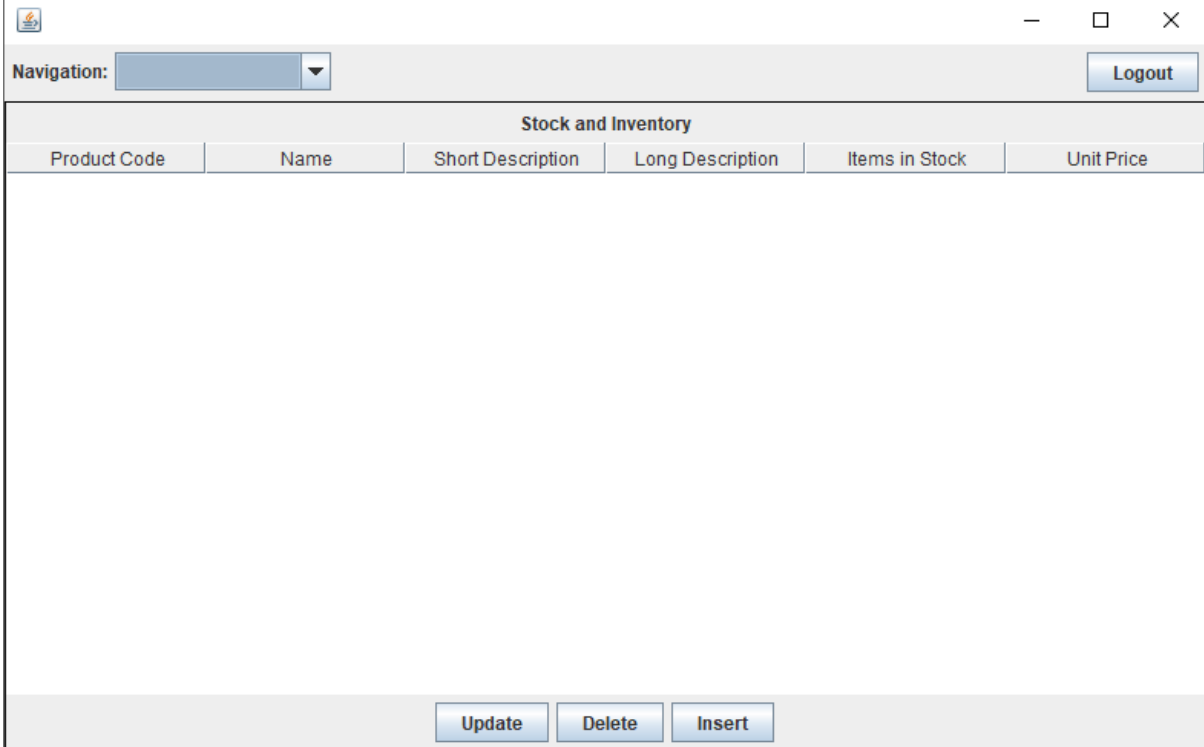
Upon viewing the customer database the user will be presented with the information entered during registration such as name and date of birth. The user will have the option of searching the database for a specific customer by entering the customer identification number(id) in the search button. The user will also have the option of logging out via the logout button or move to another page using the navigation dropdown list.

Staff Database



The user will be allowed to view the staff database. The employees will fall under three categories namely management, inventory, and accounting and sales. Upon viewing each category the user will be presented with the employee name and their department code. The user will also have the option of logging out via the logout button or move to another page using the navigation dropdown list.

Stock and Inventory



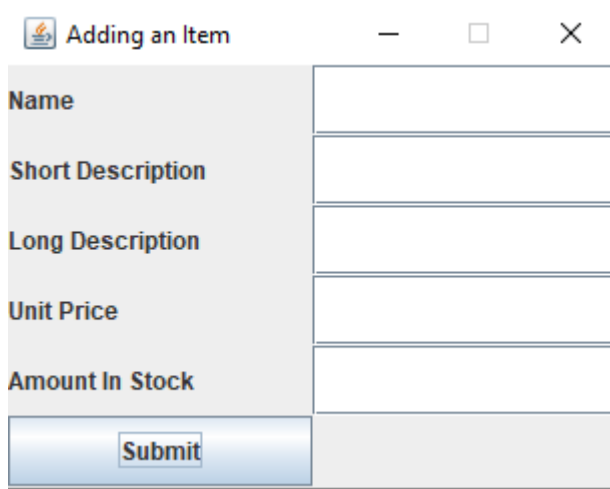
The screenshot shows a web application window titled "Stock and Inventory". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. Below the title bar is a navigation bar containing a "Navigation:" label, a dropdown menu, and a "Logout" button. The main content area is a table with the following columns: "Product Code", "Name", "Short Description", "Long Description", "Items in Stock", and "Unit Price". The table is currently empty. At the bottom of the window, there are three buttons: "Update", "Delete", and "Insert".

Stock and Inventory					
Product Code	Name	Short Description	Long Description	Items in Stock	Unit Price

Update Delete Insert

The stock and inventory page will be used to view, update, delete and insert and product. The user will also have the option of logging out via the logout button or move to another page using the navigation dropdown list.

Stock and Inventory: Adding an Item

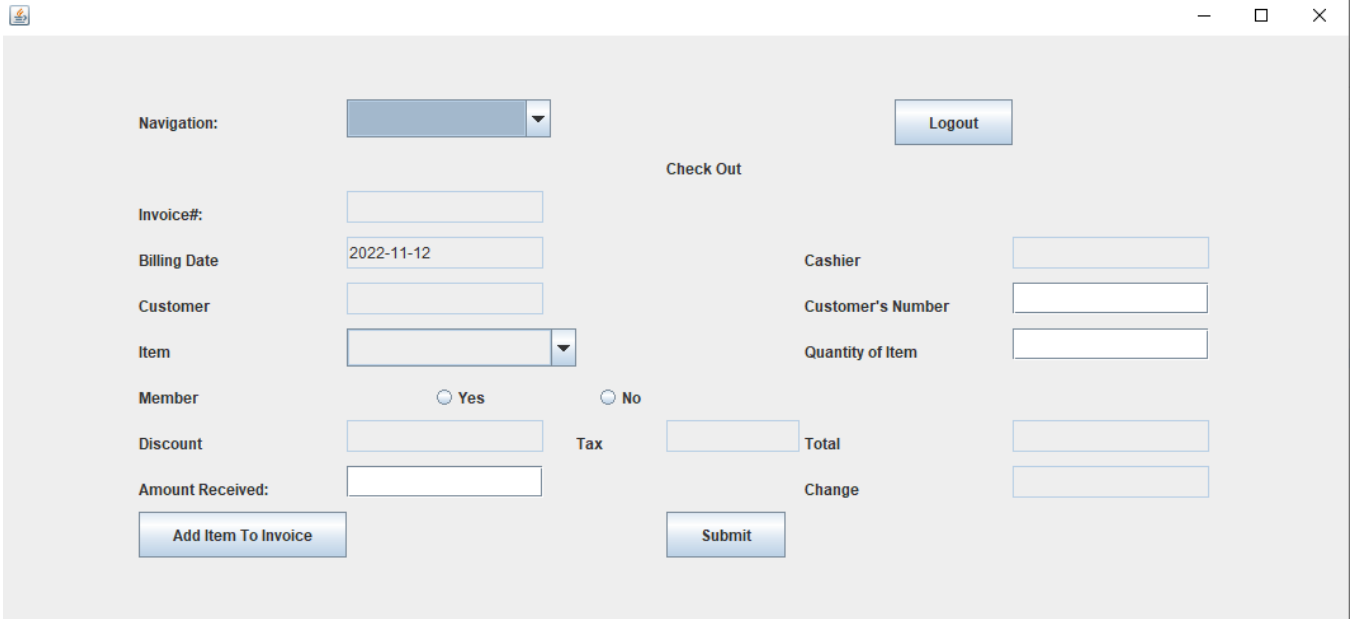


The image shows a web form titled "Adding an Item" with a standard window header (minimize, maximize, close buttons). The form is divided into two main sections. The left section is a light gray sidebar containing labels for the input fields: "Name", "Short Description", "Long Description", "Unit Price", and "Amount In Stock". The right section contains five corresponding white input fields. At the bottom of the sidebar is a blue "Submit" button. The bottom right of the form area is a light gray rectangular space.

Name	<input type="text"/>
Short Description	<input type="text"/>
Long Description	<input type="text"/>
Unit Price	<input type="text"/>
Amount In Stock	<input type="text"/>
Submit	

When the insert button is clicked on the stock and inventory page, the user will be redirected to adding an item page. Here the user will be prompted to enter specific information about the item. Upon clicking the submit button the information will be saved to the stock and inventory database for further use.

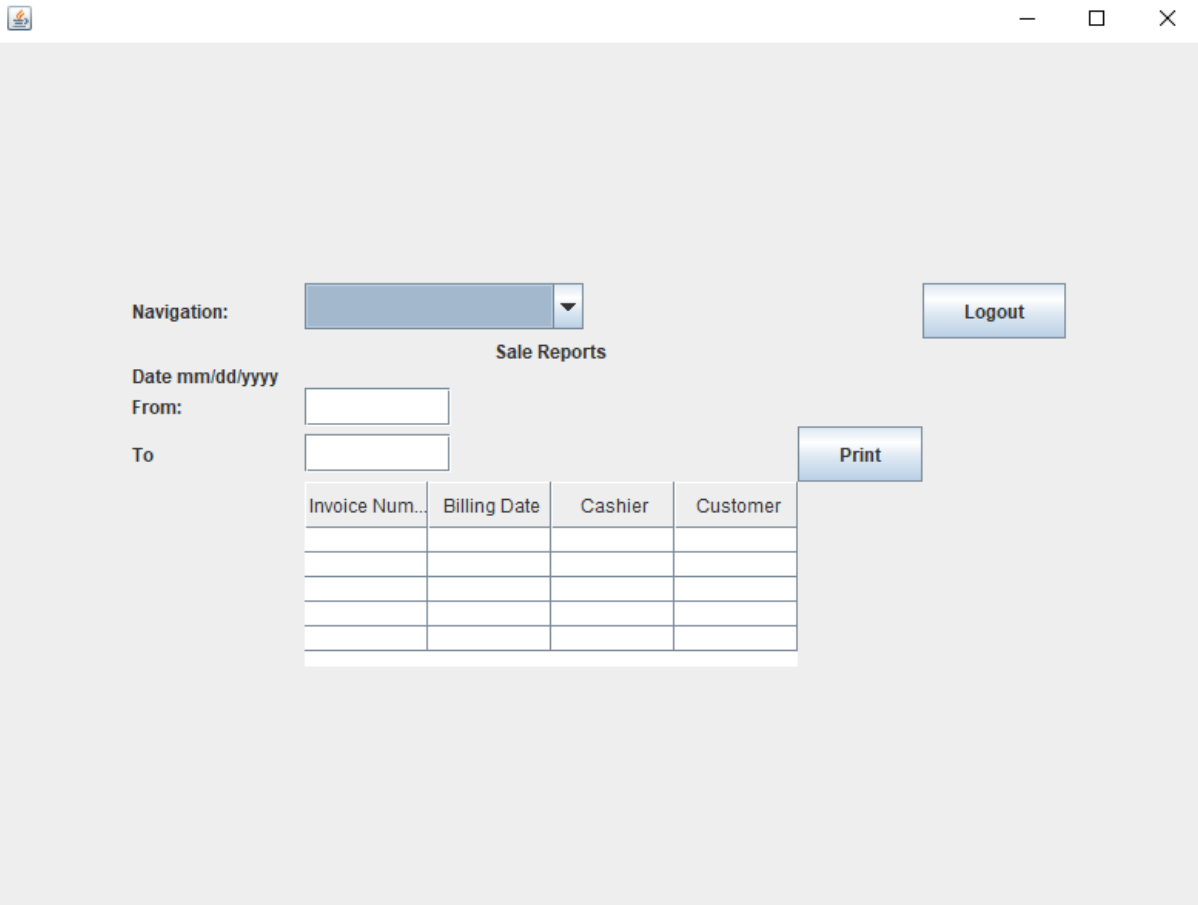
CheckOut



The screenshot shows a web browser window with a title bar containing a small icon and standard minimize, maximize, and close buttons. The page content is a checkout form with a light gray background. At the top left, there is a 'Navigation:' label followed by a blue dropdown menu. To the right of this is a blue 'Logout' button. Below the navigation menu, the form is organized into several sections. On the left, there are labels for 'Invoice#:', 'Billing Date', 'Customer', 'Item', 'Member', 'Discount', and 'Amount Received:'. Each label is followed by an input field. The 'Billing Date' field contains the text '2022-11-12'. The 'Item' field is a dropdown menu. The 'Member' label is followed by two radio buttons labeled 'Yes' and 'No'. The 'Discount' label is followed by an input field. The 'Amount Received:' label is followed by an input field. Below the 'Amount Received:' field is a blue button labeled 'Add Item To Invoice'. In the center, there is a 'Check Out' label. Below it, there is a 'Tax' label followed by an input field. To the right of the 'Tax' field is a blue button labeled 'Submit'. On the right side of the form, there are labels for 'Cashier', 'Customer's Number', 'Quantity of Item', 'Total', and 'Change'. Each label is followed by an input field. The 'Cashier' field contains the text 'Cashier'. The 'Customer's Number' field contains the text 'Customer's Number'. The 'Quantity of Item' field contains the text 'Quantity of Item'. The 'Total' field contains the text 'Total'. The 'Change' field contains the text 'Change'.

The Checkout page allows users to generate an invoice and accept payment from customers. After which inventory is updated accordingly. The user will also have the option of logging out via the logout button or move to another page using the navigation dropdown list.

Sales Report



The image shows a web application window titled "Sales Report". The window has a standard title bar with a minimize button, a maximize button, and a close button. The main content area is light gray and contains the following elements:

- Navigation:** A blue button with a dropdown arrow.
- Date mm/dd/yyyy**: A label for the date input fields.
- From:** A text input field.
- To:** A text input field.
- Sale Reports**: A label centered above the table.
- Print**: A blue button.
- Logout**: A blue button.
- Table:** A table with 4 columns: "Invoice Num...", "Billing Date", "Cashier", and "Customer". It has 6 rows in total, with the first row being the header and the remaining 5 rows being empty data rows.

The user will be able to view a sales report between any specific time period they put in. Once the user has entered the time period and clicks print then the sales report will be generated in the table provided. The user will also have the option of logging out via the logout button or move to another page using the navigation dropdown list.

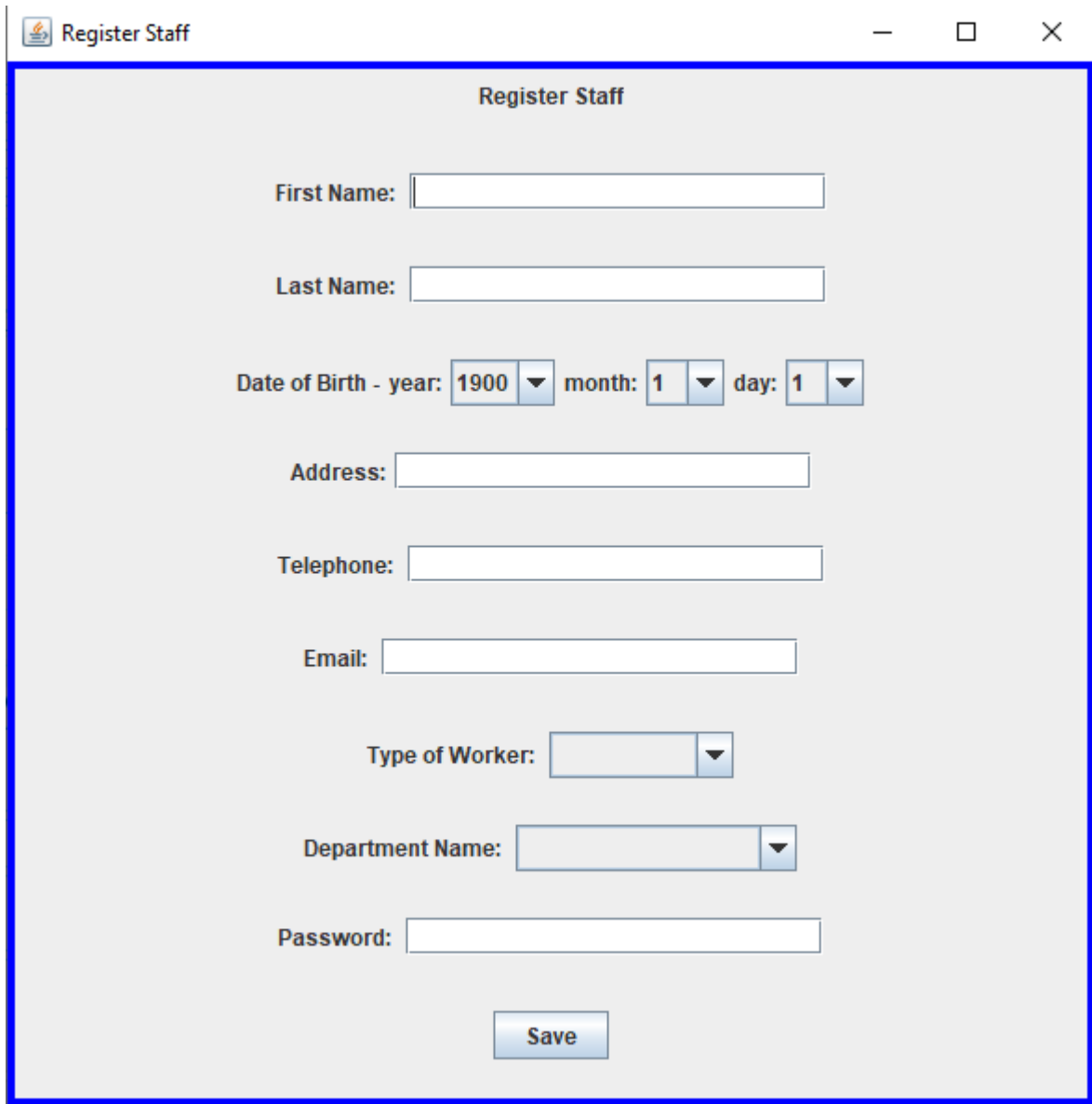
Register Customer

The image shows a software window titled "Register Customer". Inside the window, there is a form with the following fields:

- First Name:** A text input field.
- Last Name:** A text input field.
- Date of Birth - year:** A dropdown menu showing "1900".
- month:** A dropdown menu showing "1".
- day:** A dropdown menu showing "1".
- Address:** A text input field.
- Telephone:** A text input field.
- Email:** A text input field.
- Save:** A button located at the bottom center of the form.

Upon entering the register customer page the user will be prompted to enter the customer's credential in the above form. Upon entering the information, and clicking the save button the information will be saved to the customer database for future use.

Register Staff



The image shows a web browser window with the title 'Register Staff'. The page has a light gray background and a blue border. It contains the following fields and controls:

- First Name:** A text input field.
- Last Name:** A text input field.
- Date of Birth - year:** A dropdown menu showing '1900'.
- month:** A dropdown menu showing '1'.
- day:** A dropdown menu showing '1'.
- Address:** A text input field.
- Telephone:** A text input field.
- Email:** A text input field.
- Type of Worker:** A dropdown menu.
- Department Name:** A dropdown menu.
- Password:** A text input field.
- Save:** A button at the bottom center.

Upon entering the register staff page the user will be prompted to enter the staff credential in the above form. Upon entering the information, and clicking the save button the information will be saved to the staff database for future use.

Group Members	Contributions
Gail-Ann Archer	Contributed to everything.
Chevaughn Gibson	Contributed to everything.
Seantae Laylor	Contributed to everything.
Javaughn Stephenson	Contributed to everything.