Project Name:
R&C Management Systems

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https://youtu.be/CXxieO8TF6I

The application welcomes users with an initial screen featuring text input boxes for both ID and password. Employees are required to enter their assigned ID and password to access the application. If the entered ID and password are valid, the server confirms and grants access. In case of invalid credentials, a toast notifier will appear, warning the user about the incorrect ID or password.
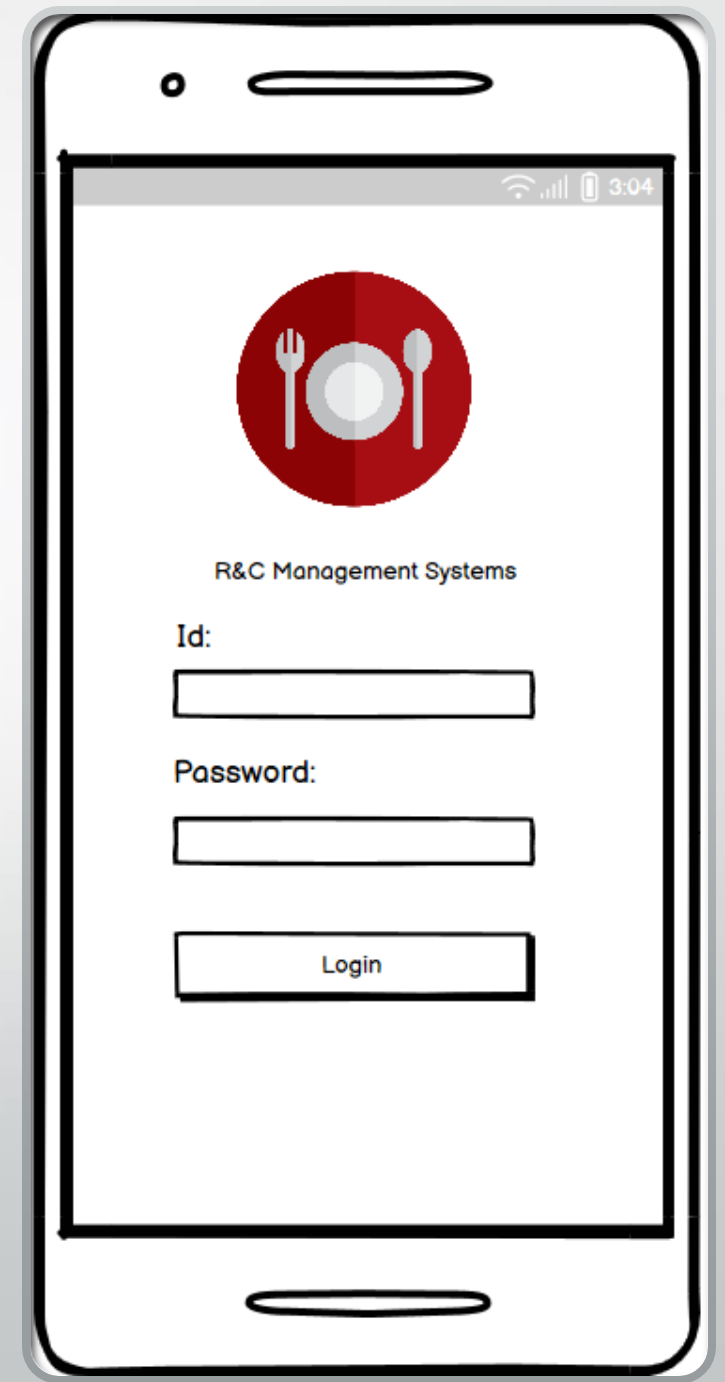
This represents the homepage of the application, comprising the following components:

- **Information Section:** Positioned at the top of the screen, this area displays employee information, tracks work hours, and provides quick access to the homepage and log-out functions.

- **Tables Section:** A dedicated segment that showcases all the tables within the restaurant or cafe.

- **Ongoing Orders Section:** This section monitors orders that have not yet been delivered. It proves particularly beneficial for kitchen staff in managing current orders.

- **Admin Panel:** This panel grants administrative access, enabling the administrator to view and modify staff information and menu items as needed.
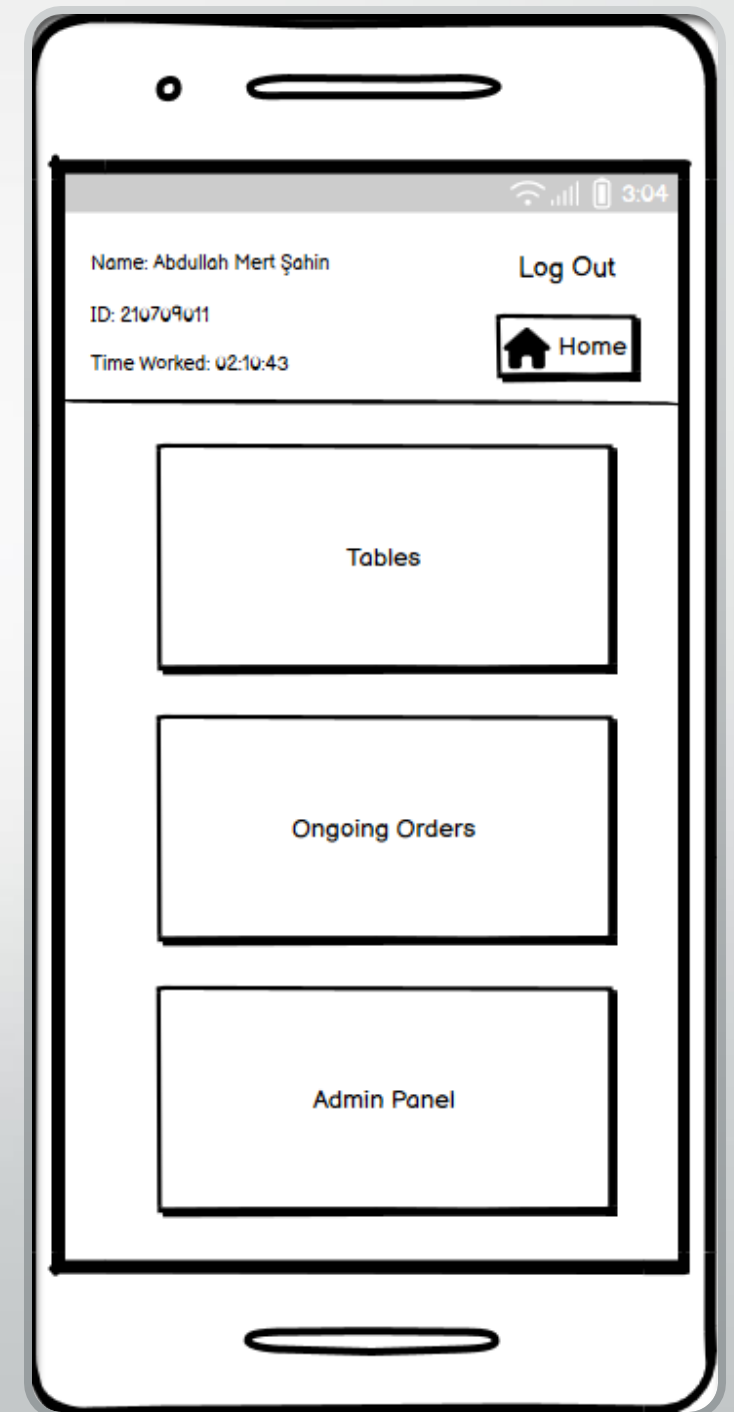
This section represents the Tables functionality within our application, encompassing all the tables present in the restaurant. Clicking on individual tables provides access to diverse information and operational features.
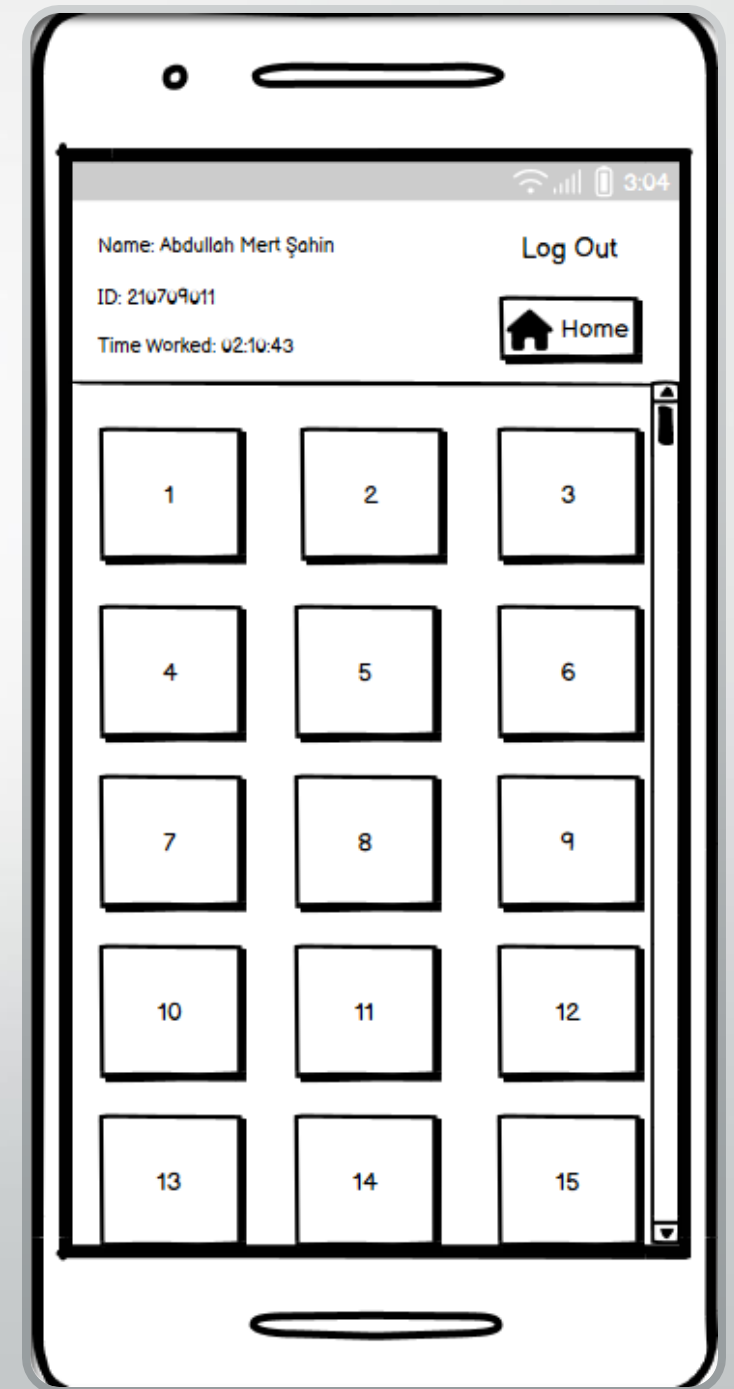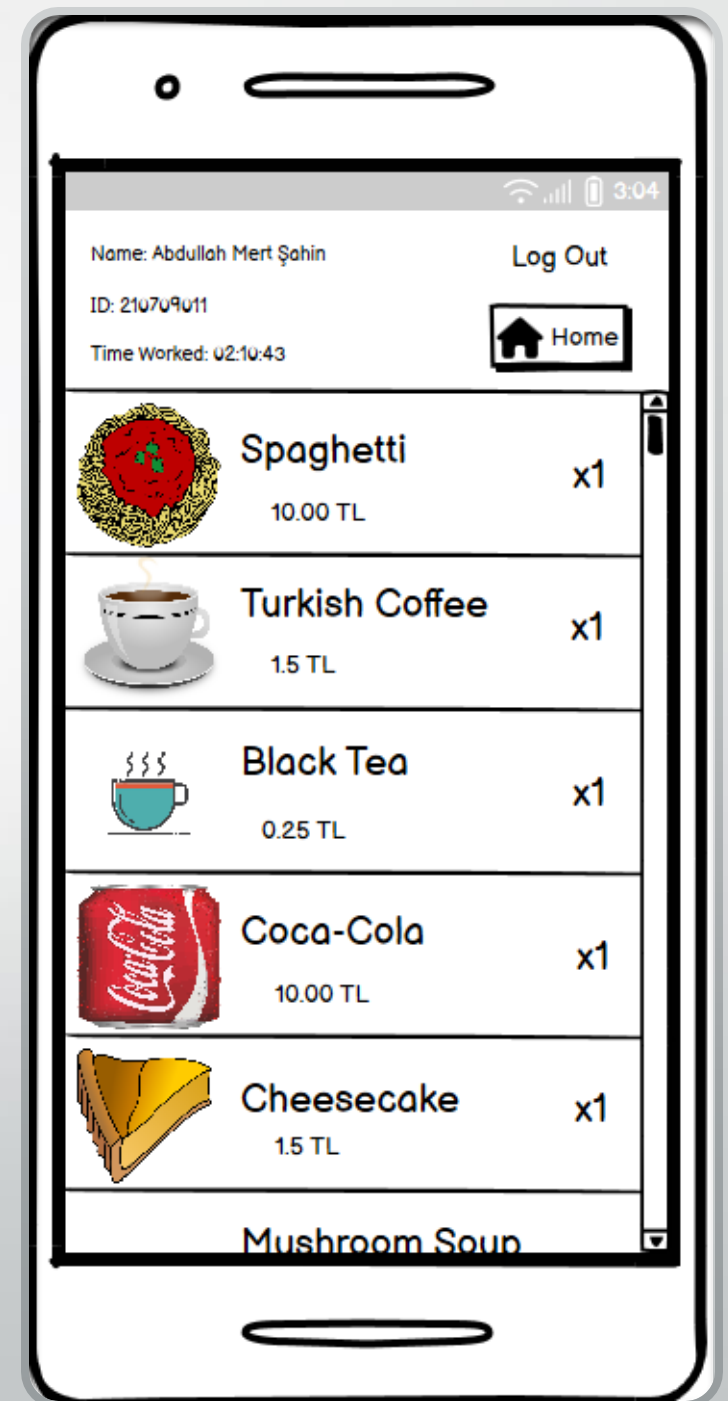
This is the Table section of our application, featuring the following components:

- **Total Cost Section:** Displays the total amount the customer is required to pay.

- **Table Number Section:** Specifies the table number associated with each entry.

- **Status Section with States:**

  1. **Occupied:** Indicates that the table is currently in use by a customer.

  2. **Waiting Order:** Signifies that the customer at the table is awaiting their order.

  3. **Empty:** Denotes that the table is unoccupied.

- **Orders Section:** Lists the menu items ordered by the customer.

- **Add Order Section:** Enables waitstaff to add the customer's order.

- **Settle Bill Section:** Updates the status of the table to "Empty" once the bill has been paid.
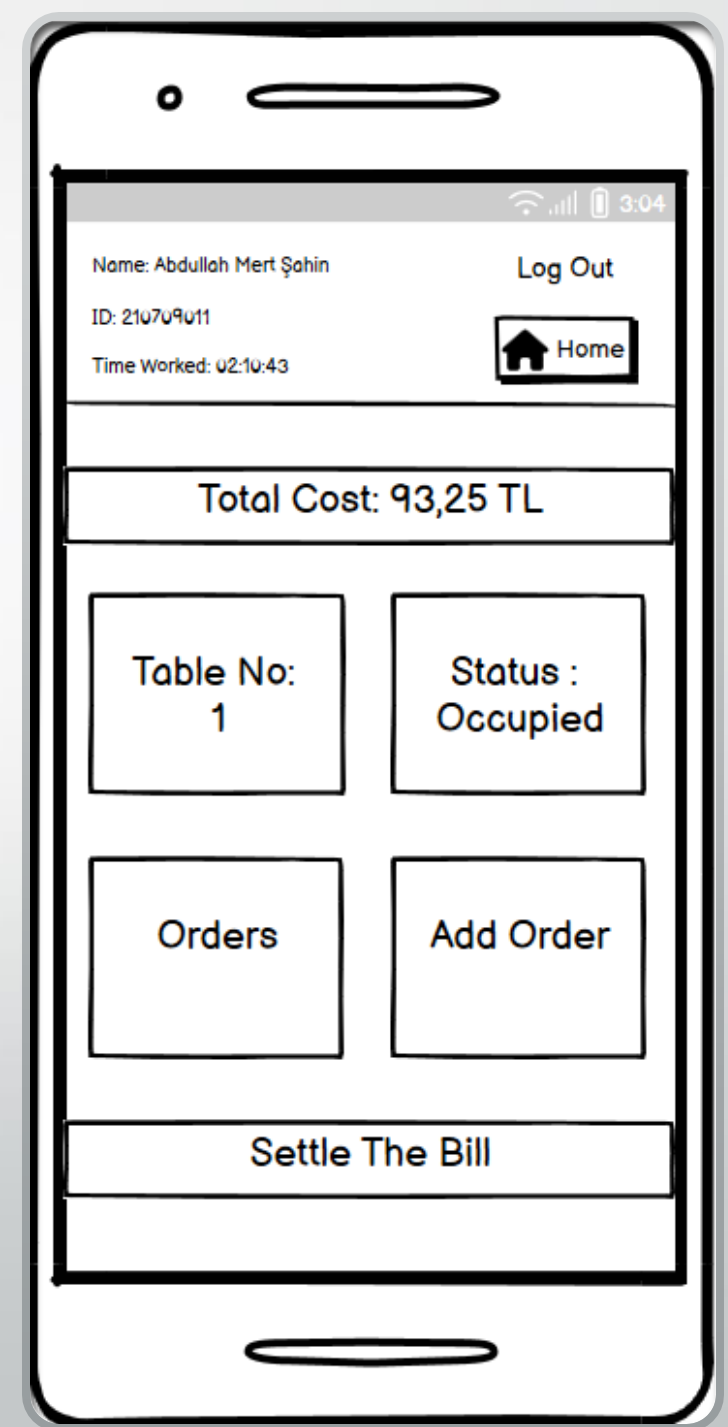
This is the Orders section of our application, where menu items are presented according to their respective tables. Each item is showcased with its image, name, price, and quantity.

This is the Add Order section of our application, comprising the following elements:

- **Search Bar:** Allows users to search for any item on the menu conveniently.

- **Category Bar:** Categorizes menu items based on their respective categories for easy navigation.

- **Menu Items:** Displayed with their corresponding image, name, and price.

- **Decrease and Increase Functionality:** Enables waitstaff to add or remove ordered items using decrease and increase options.

- **Shopping Cart Button:** Presents all selected items with quantities greater than zero in a shopping cart for easy review and management.

This is the Shopping Cart section of our application, featuring the following components:

- **Selected Items:** Items chosen from the Add Orders menu are displayed with their corresponding image, name, price, and quantity.

- **Decrement and Increment Functionality:** Allows waitstaff to update the quantity of items ordered by the customer through decrement and increment options.

- **Back Button:** Provides the option for waitstaff to add more items to the cart if needed.

- **Confirmation Button:** Enables waitstaff to confirm the order, sending it to the Ongoing Orders section for processing.

This is the Ongoing Orders section of our application, displaying the current orders. To streamline the process, the kitchen staff can utilize the "Done" button located on the right once they have prepared the order.
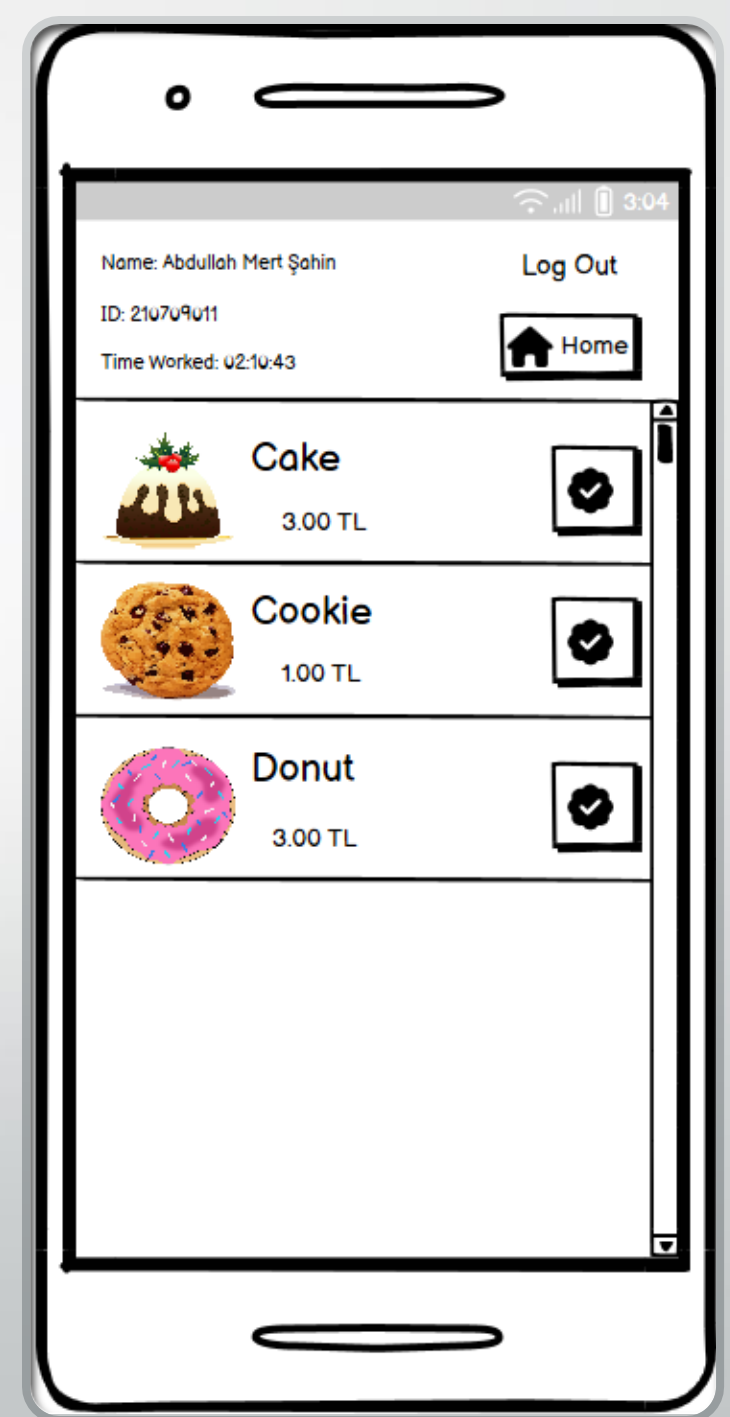
This is the Admin Panel of our application, featuring two buttons for "Edit Employee" and "Edit Menu." Through these sections, the administrator can perform database operations related to employees and the menu, respectively.
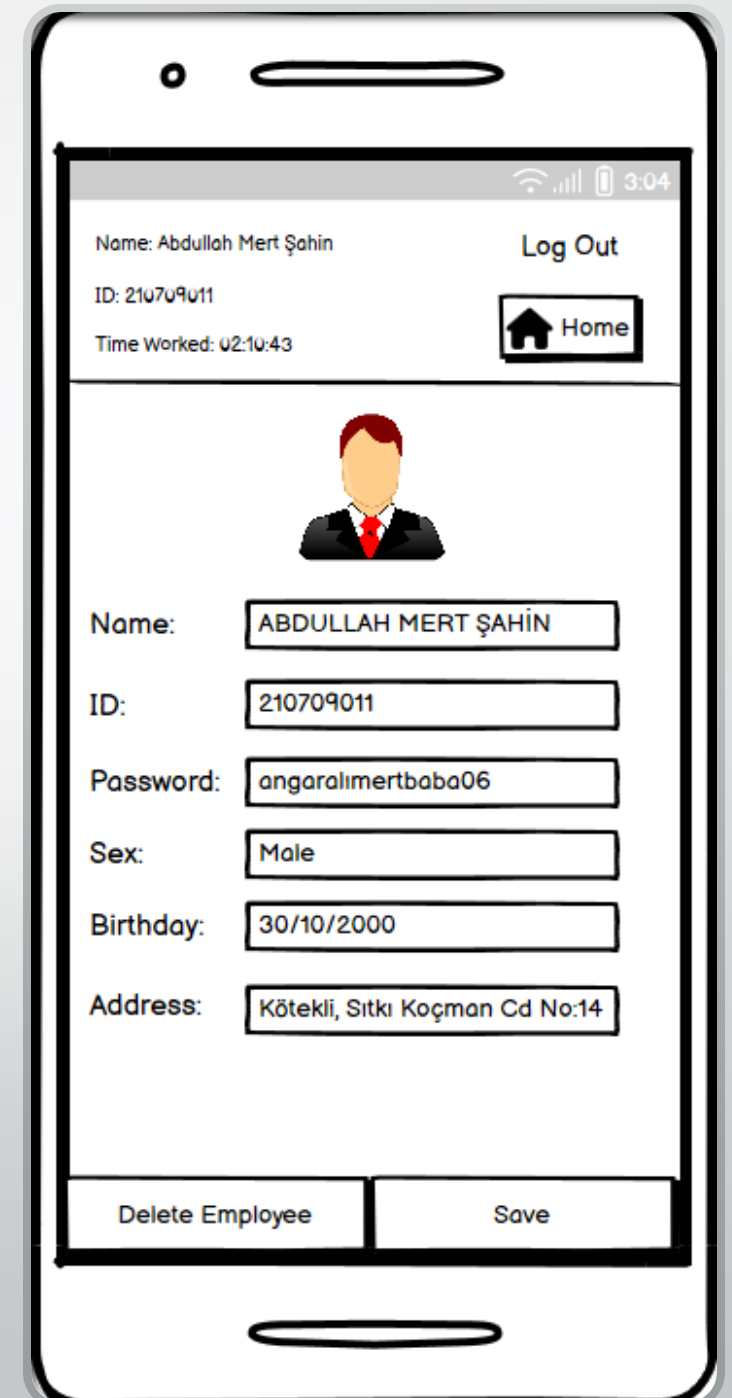
This is the Edit Employee section of our application, comprising the following elements:

- **Search Bar:** Facilitates the search for employees by name or ID.

- **Employee Representation:** Employees are displayed with their photos, names, and ID for easy identification.

- **Add Employee Section:** Allows the administrator to add a new employee to the system efficiently.

This is the Employee Information Editing section of our application. In this section, the admin can edit various details such as the employee's photo, name, ID, password, sex, birthday, and address. Additionally, the section includes:

- **Delete Employee Section:** Allows the admin to remove an employee from the system.

- **Save Button:** Enables the admin to apply any changes made to the employee's information.

This is the Edit Menu section of our application. It's almost identical to the Add Order section expect for the lack of prices and the Add Item button instead of the Shopping Cart button. By using this section, the admin can edit any items on the menu by clicking and accessing the Item Information Editing section.
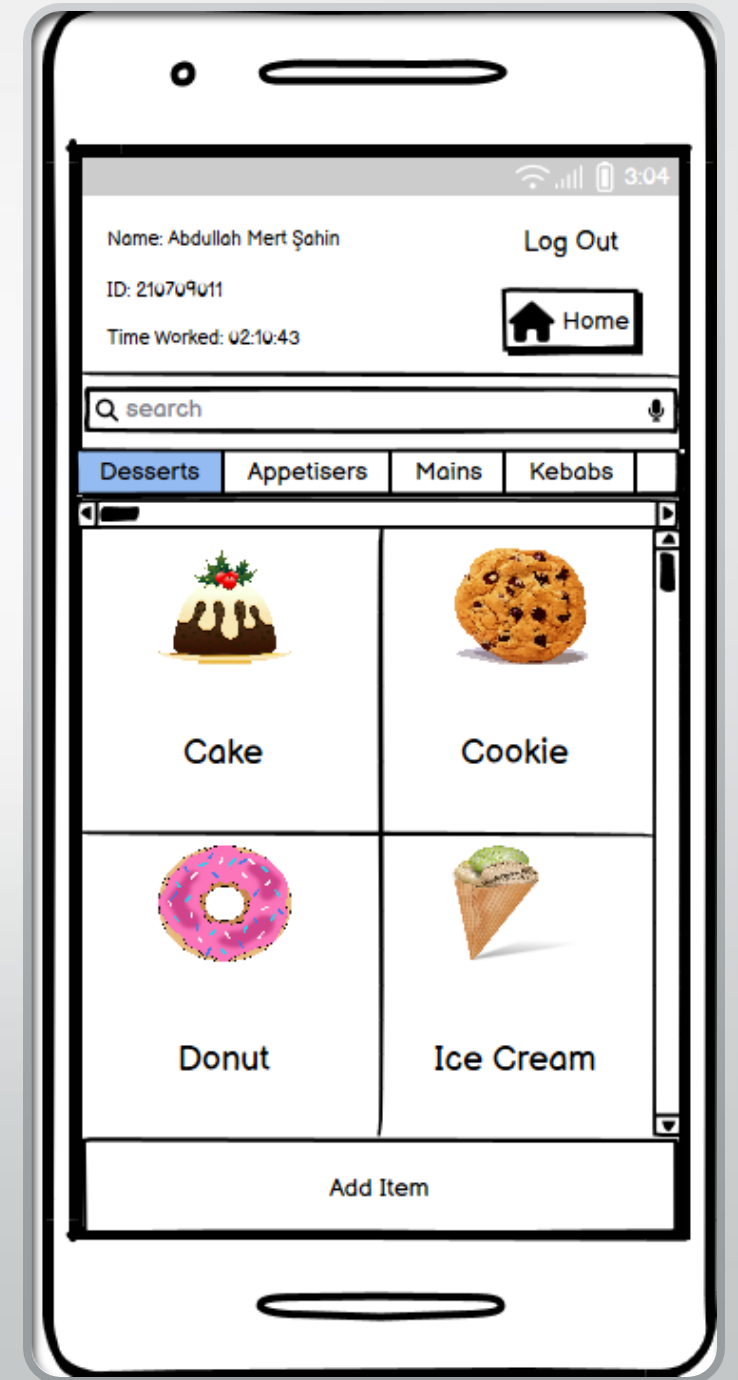
This is the Add Employee section of our application. It closely resembles the Employee Information Edit section, with the exception that it lacks the delete and save buttons. Instead, it features an "Add Employee" button for the admin to add a new employee to the system.

This is the Item Information Editing section. In this area, the admin has the ability to modify the name, price, and type attributes of the item. The type can be selected via a combo box. The admin can opt to delete the item using the "Delete Item" button or apply the changes made by utilizing the "Save Item"

This is the Add Item section of our application. It bears resemblance to the Add Employee section, albeit with distinct attributes required. The admin is prompted to input a photo, name, price, and type for the new item. Upon completion, the admin can apply the changes by using the "Add Item" button.