

## Requirements

**R1:** Display queue user interface, displays a user interface showing the current state of the two queues. First queue shows normal clients; the second queue shows clients with priorities.

**R2:** Display data user interface, displays a user interface showing the user data. User data includes: name; ID(unique); bounding time; amount.

**R3:** Sort user data, allows the user to sort the data based on a specific criteria. Criteria data includes: name; ID; bounding time; amount. There cannot be two people with the same ID. Sorted user data is displayed after the sorting process is over.

**R4:** Search bank information, allows the user to search client bank information based on the ID. There cannot be two people with the same ID. User bank information is displayed after the search is done.

**R5:** Consignment/withdraw, the client can modify his savings account amount by requesting a withdrawal or a consignment. A new savings account will be displayed after the transaction happens.

**R6:** Account Cancellation, removes the client data from the database and incorporates them into an exclusive database for those who desert the bank. Also, saves the date and the reasons why the person canceled.

**R7:** Card payment, the client can pay the amount used with the credit card so far. The payment can be done with cash or through the savings account.

**R8:** Undo action, it can undo a withdrawal or a consignment, an account cancellation, or a card payment. The cashier can make mistakes for any reason in making any of these actions. In that case, the action can be undone even if the cashier already changes and saves the data.

**R9:** Save action, saves every change that has been made to the database, this action can be undone if there were mistakes in the process.