**Use Case ID: Use Case:** Record Payment

**Brief Description:** Once a customer makes a payment with BAPERS, a record of the payment is then stored in the local memory of the machine running the system and then the record is stored in the database.

**Primary Actors:** Office Manager, Receptionist

**Secondary Actors:** Database Server

**Preconditions:**

1. The system is operational
2. Either the Office Manager, or the Receptionist is logged into the system and had chosen the GUI option to record a payment from a client.

**Main Flow:**

1. The use case starts when the Office Manager, or receptionist selects Record Payment functionality.
2. The GUI prompts the user to then enter the payment details including: amount paid, whether the payment is card or cash.
3. The GUI then sends the input information to the system, and the system creates a payment object.
4. The system then finds the outstanding (unpaid) jobs for the customer, and adds them to the payment object.
5. The system contacts the Database Server, and sends the payment object to be stored on disk.
6. The system deletes the local payment object.
7. The system alerts the user that payment has been added.

**Postconditions:**

1. The database contains a new payment record

**Alternative Flows:**

CardPayment

NoConnectionToServer

UnSuspendAccount

**Use Case ID: Use Case:** Record Payment : CardPayment

**Brief Description:** The customer has made a payment with a card, so the card details will be added to the system.

**Primary Actors:** Office Manager, Receptionist

**Secondary Actors:** Database Server

**Preconditions:**

The system is operational and Either the Office Manager, or the Receptionist is logged into the system and had chosen the GUI option to record a payment from a client.

**Alternate Flow:**

1. The flow may start at step 2 of the main flow.
2. The GUI prompts the user to enter card details.
3. While (more cards)
   1. The user enters card details.
4. The GUI sends the information to the system, and the system then creates a card object, and a payment object. Giving the payment object a reference to the card object.
5. The flow should resume at step 2 of the main flow.

**Postconditions:**

Local storage contains a Card Details Object, which is referenced by a Payment object.

**Use Case ID: Use Case:** Record Payment : NoConnectionToServer

**Brief Description:** A connection cannot be established with the database server, so the operation is aborted.

**Primary Actors:** Office Manager, Receptionist

**Secondary Actors:** Database Server

**Preconditions:**

The system is operational and either the Office Manager, or the Receptionist is logged into the system and had chosen the GUI option to record a payment from a client.

**Alternate Flow:**

1. The flow may start at step 5 of the main flow.
2. The system informs the user that no communication channel can be established to the database.

**Postconditions:**

The contents of the database are unchanged