**TEST CASE & PSUEDOCODE:**

First Name: Terry

Last Name: Tall

DOB: 10/10/1990

Permit Number: 2

Date of Application: 1/10/16

Email: [testemail@test.test](mailto:testemail@test.test)

Phone: 0412345678

Password: CorrectPassword

Payment (1): $40 – 6/10/16 Payment (2): $100 Payment (3): NA

Payment Status: Paid Payment Status: Pending

**--- DATABASE SETUP ---**

1. **Input:** DatabaseRetrieve(2) **Output:** “Terry Tall Profile”
2. **Input:** DatabaseRetrieve(1) **Output:** “Barry Bill Profile”
3. **Input:** Violation - Input **Output:** “Successful Violation Input”
4. **Input:** Violation - Retrieval **Output:** “Successful Violation Retrieval”
5. **Input:** Parking - Input **Output:** “Successful Parking Input”
6. **Input:** Parking- Retrieval **Output:** “Successful Parking Retrieval”
7. **Input:** Health and Safety - Input **Output:** “Successful H&S Input”
8. **Input:** Health and Safety - Retrieval **Output:** “Successful H&S Retrieval”
9. **Input:** Other - Input **Output:** “Successful Other Input”
10. **Input:** Other - Retrieval **Output:** “Successful Other Retrieval”

**--- DATABASE TEARDOWN ---**

1. **Input:** Database Delete (ID=2) **Output:** ID=2 Removed
2. (AFTER DELETION) **Input:** ID=2- Retrieval **Output:** “AssertionError: ‘!(ID =2)”

**--- PASSWORD FIELD ---**

1. **Input:** Password Exist (Permit Number = 2) **Output:** True
2. **Input:** Password Check (CorrectPassword) **Output:** True
3. **Input:** Password Check (IncorrectPassword) **Output:** “AssertionError: ‘IncorrectPassword != ‘CorrectPassword’”

**--- PAYMENT FIELD ---**

1. **Input:** PaymentCheck (1, Paid)

**Output:** True

1. **Input:** PaymentCheck (2, Paid)

**Output:** “AssertionError: Paid != Pending”

1. **Input:** PaymentCheck (2, Pending)

**Output:** True

1. **Input:** PaymentCheck (3, Pending)

**Output:** AssertionError: !(Payment(3))

**--- NEW PAYMENT FIELD ---**

1. **Input:** CheckOverduePayment

**Output: TRUE**

1. **Input:** Insert Payment Details

**Output:** True

1. **Input:** Insert User Check

**Output:** True

1. **Input:** Update Payment Details

**Output:** True

1. **Input:** Update Fine Payment

**Output:** True

1. **Input:** Protect Card Details

**Output:** True

1. **Input:** Check Logged in

**Output:** True

1. **Input:** Check Logged out

**Output:** False

1. **Input:** Remove User Check

**Output:** True

1. **Input:** Remove NonExistent User Check

**Output:** False

1. **Input:** Remove NonExistent Details Check

**Output:** False

**--- NOTIFICATIONS TEST FIELD ---**

1. **Input:** PushNotification(“Test”)

**Output:** Notifications[“Test”]

1. **Input:** PullNotification(“Test”)

**Output:** Notifications[ ]

1. **Input:** PullNotification(“Test”)

**Output:** False – Empty List