Group #: 1

Members:

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Project: Titan Payment System

Course: CPSC 335-07 22473

Date: 10/31/2022

User uploads purchases

```
Log In Successfully!
Current Account: phu

Menu selection:

1. Query account information  2. Upload purchases        3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid    6. Pay card
7. Get payment history        8. Display purchases        9. Exit

Pick an acion from the menu: 2

Enter purchase details below

Enter purchase name: Iphone 14 Pro Max
Date (Entered as MM/dd/yyyy): 10/20/2022
Paid Amount: 1400
```

```
Back to Menu .................................

Menu selection:

1. Query account information  2. Upload purchases        3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid    6. Pay card
7. Get payment history        8. Display purchases        9. Exit

Pick an acion from the menu: 2

Enter purchase details below

Enter purchase name: Macbook Pro 2022
Date (Entered as MM/dd/yyyy): 09/30/2022
Paid Amount: 2222
```

```
Back to Menu .................................

Menu selection:

1. Query account information   2. Upload purchases      3. Get minimum and maximum transaction
4. Get amount due              5. Get total amount paid  6. Pay card
7. Get payment history         8. Display purchases      9. Exit

Pick an acion from the menu: 2

Enter purchase details below

Enter purchase name: Apple Watch Series 8
Date (Entered as MM/dd/yyyy): 10/26/2022
Paid Amount: 450
```

System displays purchases

Display all

```
Back to Menu .................................

Menu selection:

1. Query account information   2. Upload purchases      3. Get minimum and maximum transaction
4. Get amount due              5. Get total amount paid  6. Pay card
7. Get payment history         8. Display purchases      9. Exit

Pick an acion from the menu: 8
Do you want to display all purchases made (yes or no)? yes

System Processing ...................................

-----------------------------------------------------------------------------------------------------------
| NAME                 | DATE        | CARD  | AMOUNT     | TOTAL AMOUNT | FEE     | BILLING CYCLE    | STATUS |
-----------------------------------------------------------------------------------------------------------
| Macbook Pro 2022     | 09/30/2022  | VISA  | $2,222.00  | $2,248.66    | $4.44   | September 2022   | Due    |
| Iphone 14 Pro Max    | 10/20/2022  | VISA  | $1,400.00  | $1,416.80    | $2.80   | October 2022     | Due    |
| Apple Watch Series 8 | 10/26/2022  | VISA  | $450.00    | $455.40      | $0.90   | October 2022     | Due    |
-----------------------------------------------------------------------------------------------------------
```

Display purchases made in October only

```
Back to Menu ...................................

Menu selection:

1. Query account information  2. Upload purchases      3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid  6. Pay card
7. Get payment history        8. Display purchases      9. Exit

Pick an acion from the menu: 8
Do you want to display all purchases made (yes or no)? no
The latest date is 10/26/2022
Enter the appropriate range of dates to view purchases:
Date (Entered as MM/dd/yyyy): 10/01/2022
Date (Entered as MM/dd/yyyy): 10/31/2022

System Processing ...............................

-----------------------------------------------------------------------------------------------------
| NAME                 | DATE       | CARD  | AMOUNT     | TOTAL AMOUNT | FEE     | BILLING CYCLE | STATUS |
-----------------------------------------------------------------------------------------------------
| Iphone 14 Pro Max    | 10/20/2022 | VISA  | $1,400.00  | $1,416.80    | $2.80   | October 2022  | Due    |
| Apple Watch Series 8 | 10/26/2022 | VISA  | $450.00    | $455.40      | $0.90   | October 2022  | Due    |
-----------------------------------------------------------------------------------------------------
```

User makes payments

Paid all September's due

```
Back to Menu ...................................

Menu selection:

1. Query account information  2. Upload purchases      3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid  6. Pay card
7. Get payment history        8. Display purchases      9. Exit

Pick an acion from the menu: 6
Enter the billing cycle you want to pay: September 2022

System Processing ...............................

The due amount for September 2022 is $2,248.66
Do you want to pay all of it (yes or no)?  yes
Approved! Your VISA was credited $2,248.66
```

Paid partially October's due

```
Back to Menu ...............................

Menu selection:

1. Query account information   2. Upload purchases        3. Get minimum and maximum transaction
4. Get amount due              5. Get total amount paid    6. Pay card
7. Get payment history         8. Display purchases        9. Exit

Pick an acion from the menu: 6
Enter the billing cycle you want to pay: October 2022

System Processing ...............................

The due amount for October 2022 is $1,872.20
Do you want to pay all of it (yes or no)?  no
Paid Amount: 1200
Approved! Your VISA was credited $1,200.00
```

```
Back to Menu ...............................

Menu selection:

1. Query account information   2. Upload purchases        3. Get minimum and maximum transaction
4. Get amount due              5. Get total amount paid    6. Pay card
7. Get payment history         8. Display purchases        9. Exit

Pick an acion from the menu: 6
Enter the billing cycle you want to pay: October 2022

System Processing ...............................

The due amount for October 2022 is $672.20
Do you want to pay all of it (yes or no)?  no
Paid Amount: 400
Approved! Your VISA was credited $400.00
```

System displays payment history

```
Back to Menu ...............................

Menu selection:

1. Query account information   2. Upload purchases        3. Get minimum and maximum transaction
4. Get amount due              5. Get total amount paid    6. Pay card
7. Get payment history         8. Display purchases        9. Exit

Pick an acion from the menu: 7

System Processing ...............................

----------------------------------------------------------------
| DATE                | BILLING CYCLE  | CARD   | PAID AMOUNT  |
----------------------------------------------------------------
| 10/31/2022 16:15:55 | September 2022 | VISA   | $2,248.66    |
| 10/31/2022 16:18:20 | October 2022   | VISA   | $1,200.00    |
| 10/31/2022 16:19:33 | October 2022   | VISA   | $400.00      |
----------------------------------------------------------------
```

System displays purchases after making payment

```
Back to Menu ................................

Menu selection:

1. Query account information  2. Upload purchases     3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid 6. Pay card
7. Get payment history        8. Display purchases     9. Exit

Pick an acion from the menu: 8
Do you want to display all purchases made (yes or no)?
The latest date is 10/26/2022
Enter the appropriate range of dates to view purchases:
Date (Entered as MM/dd/yyyy): 09/01/2022
Date (Entered as MM/dd/yyyy): 10/31/2022

System Processing ................................

---------------------------------------------------------------------------------------------------
| NAME               | DATE       | CARD  | AMOUNT    | TOTAL AMOUNT | FEE    | BILLING CYCLE  | STATUS |
---------------------------------------------------------------------------------------------------
| Macbook Pro 2022   | 09/30/2022 | VISA  | $2,222.00 | $2,248.66    | $4.44  | September 2022 | Paid |
| Iphone 14 Pro Max  | 10/20/2022 | VISA  | $1,400.00 | $1,416.80    | $2.80  | October 2022   | Due  |
| Apple Watch Series 8 | 10/26/2022 | VISA | $450.00   | $455.40      | $0.90  | October 2022   | Due  |
---------------------------------------------------------------------------------------------------
```

```
Back to Menu ................................

Menu selection:

1. Query account information  2. Upload purchases     3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid 6. Pay card
7. Get payment history        8. Display purchases     9. Exit

Pick an acion from the menu: 6
Enter the billing cycle you want to pay: October 2022

System Processing ................................

The due amount for October 2022 is $272.20
Do you want to pay all of it (yes or no)?  yes
Approved! Your VISA was credited $272.20
```

```
Back to Menu ................................

Menu selection:

1. Query account information  2. Upload purchases     3. Get minimum and maximum transaction
4. Get amount due             5. Get total amount paid 6. Pay card
7. Get payment history        8. Display purchases     9. Exit

Pick an acion from the menu: 8
Do you want to display all purchases made (yes or no)? yes

System Processing ................................

---------------------------------------------------------------------------------------------------
| NAME               | DATE       | CARD  | AMOUNT    | TOTAL AMOUNT | FEE    | BILLING CYCLE  | STATUS |
---------------------------------------------------------------------------------------------------
| Macbook Pro 2022   | 09/30/2022 | VISA  | $2,222.00 | $2,248.66    | $4.44  | September 2022 | Paid |
| Iphone 14 Pro Max  | 10/20/2022 | VISA  | $1,400.00 | $1,416.80    | $2.80  | October 2022   | Paid |
| Apple Watch Series 8 | 10/26/2022 | VISA | $450.00   | $455.40      | $0.90  | October 2022   | Paid |
---------------------------------------------------------------------------------------------------
```