**Answer : 1**

**Feature 1 : EasyPay**

1. Customers can pay merchant & Utility bills .
2. Merchant will deduct 1% service charge from customer balance on bill payment
3. Minimum Transaction fee 5 tk.
4. More than 5000 tk pay customers will get 10% cashback.
5. More than 10000 tk pay customers will get 20% cashback.
6. Maximum cashback amount being 3000 tk.
7. No cashback applied for Utility bills.

**Feature 2 : Bank lone**

1. Less than 100 tk in account can apply for loan up to 20,000tk
2. No interest will be charged If the loan is repaid within 30 days from the start date.
3. If the loan is not repaid within 30 days interest at 1.8% per day will be applied.
4. After paying 50% of the loan the customer can apply for another loan.

**Answer : 4**

Here is the priority sequence : 4 > 6 > 3 > 5 > 1 > 2

**Explanation :** In the priority table **Deliver patient report on online** and **Bill collection** both have the 1st priority in logical dependency. ‘**Deliver patient report on online**’ is dependent on feature 1. **Process patient test report**  . **Bill collection** is based on feature 6. ‘ Generate patient id card ‘ . Feature 1 has two logical dependencies 3 & 5, whereas feature 6 has one dependency feature 4. **Doctors appointment**  , **feature 5** is dependent on **feature 3. Feature 4. Doctors appointment** there is no logical dependency .This is the reason feature 4 is kept as the first priority sequence.We should now go back. **Feature 6** depends on **feature 4.** Once **feature 4** is completed, we will begin on **feature 6.** Then we'll work on **feature 3,** which is dependent on **feature 6.** As we can see **feature 1** and **feature 5** both have a common dependency **feature 3** . However, **feature 1** has another dependency, which is **feature 5 .** For this reason, we must finish **feature 5** before moving on to **feature 1.** Finally, we will focus on **feature 2** because it is dependent on **feature 1.** That is how we will finish the entire procedure.

**Answer : 5**

**Feature : 1 - Easypay**

| SI | Checkpoint | Yes | No |
| --- | --- | --- | --- |
| 1 | Can customers pay merchant & utility bills? | 🗹 | 🮕 |
| 2 | Customers paying the bill will have to pay a service charge ? | 🗹 | 🮱 |
| 3 | Does the customer have to pay a transaction fee? | 🗹 | 🮱 |
| 4 | Is the minimum Transaction 5 taka? |  | 🮱 |
| 5 | Can a customer pay a merchant and utility bill with sufficient balance in their account ? | 🗹 | 🮕 |
| 6 | Is there any cashback for paying the merchant bills? | 🗹 | 🮕 |
| 7 | Can a customer pay more than 5000 taka he/she will receive 10% cashback? | 🗹 | 🮕 |
| 8 | Can a customer pay more than 10000 taka he/she will receive 20% cashback? | 🗹 | 🮕 |
| 9 | Is the maximum cashback 3000 taka? | 🗹 | 🮕 |
| 10 | Is there no cashback for paying the utility bills? | 🗹 | 🮕 |

**Feature : 2 - Bank Lone**

| SI | Checkpoint | Yes | No |
| --- | --- | --- | --- |
| 1 | Customer with a 100 taka he/she can apply for the loan? | 🗹 | 🮱 |
| 2 | Customer with more than 100 taka he/she can apply for the loan? | 🗹 | 🮱 |
| 3 | Is there any interest charged if the loan is paid after 30 days ? | 🗹 | 🮱 |
| 4 | If the loan cannot be paid within 30 days will daily 1.8% interest be paid ? | 🗹 | 🮱 |
| 5 | Can customers apply for another loan after paying 50% of the loan? | 🗹 | 🮱 |
| 6 | Can customers apply for another loan after paying more than 50% of the loan? | 🗹 | 🮱 |