

Features:**Feature 1:**

In an MFS mobile app named EasyPay, customers can pay any merchant and utility bills. For each merchant bill payment, a 1% service charge will be deducted from the customer's balance, with a minimum transaction fee of 5 TK. If a customer makes a transaction of more than 5000 TK, they will get a 10% cashback. If the customer makes a transaction of more than 10,000 TK, they will receive a maximum of 20% cashback, with the maximum cashback amount being 3000 TK. But no cashback will be applied for the utility bills.

Feature 2:

If a customer has a balance of less than 100 tk, s/he can apply for a loan of up to 20000 tk. If the customer repays the loan within 30 days from the loan initiation day, no interest will be charged. However, if the customer fails to repay within this period, a daily interest of 1.8% will be applied in a compound interest manner on the remaining amount.

Additionally, if a customer has already paid 50% of the remaining payment, they are eligible to apply for another loan

Acceptance criteria in rule based Standard:

Feature 1: Payment with Cashback

Payment Transaction:

Rule 1: The system shall allow customers to make payments to any merchant or for utility bills through the EasyPay mobile app.

Rule 2: Each payment transaction shall incur a service charge of 1% of the transaction amount.

Rule 3: If the calculated service charge is less than 5 TK, the system shall deduct a minimum service charge of 5 TK.

Cashback Eligibility:

Rule 4: If a customer's total transactions for the month reach exactly 5,000 TK, the customer shall receive a 20% cashback for any subsequent payments up to 5,000 TK.

Rule 5: If a customer's total transactions for the month exceed 10,000 TK, the customer shall receive a maximum of 30% cashback for any subsequent payments.

Cashback Calculation:

Rule 6: For transactions reaching exactly 5,000 TK, the cashback amount shall be calculated as 20% of the transaction amount.

Rule 7: For transactions exceeding 10,000 TK, the cashback amount shall be capped at 30% of the transaction amount, with a maximum cashback limit of 3,000 TK.

Cashback Application:

Rule 8: The system shall apply cashback automatically upon the successful completion of the transaction.

Rule 9: The cashback amount shall be reflected in the customer's account balance after completing the transaction.

Notification and Transaction History:

Rule 10: The system shall send SMS notifications to both the sender and the recipient confirming the cashback amount.

Rule 11: The cashback details shall be updated in the sender's transaction history in the app.

Feature 2: Loan Management

Loan Application:

Rule 1: The system shall allow customers with a balance of less than 100 TK to apply for a loan of up to 20,000 TK through the EasyPay mobile app.

Loan Repayment Rules:

Rule 2: If the customer repays the full loan amount within 30 days from the loan initiation day, no interest shall be charged on the loan.

Rule 3: If the customer fails to repay the loan within 30 days, the system shall apply a daily compound interest of 1.8% on the remaining loan amount.

Additional Loan Eligibility:

Rule 4: If the customer has repaid at least 50% of the remaining loan balance, they shall be eligible to apply for another loan.

Loan Status and Notifications:

Rule 5: The system shall send SMS notifications to customers regarding their loan status, including repayment due dates and accrued interest.

Rule 6: The system shall notify the customer when they become eligible to apply for another loan based on their repayment history.