



EAST WEST UNIVERSITY

Course Code : CSE435
Section : 02

Test Planning

For

Bank Management System

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Description

We are creating test cases for the “Bank Management System”. For that we have identified the criterias for the test cases. The number of total test cases are yet to be finalized but we have analyzed the website of the system and taken the potential test case criterias from the users point of view. The criterias are as followed:

Employee + Manager Registration

1. No alphanumeric in Name.
2. No symbols in name.
3. No alphabet in phone number.
4. Not more than 13 numbers in phone number.
5. Not less than 11 numbers in phone number.
6. No alphabet in NID.
7. NID must contain valid 17 digits.
8. Username range must be from 8-12 characters.
9. Username must be in alphanumeric.
10. Password limit is 16 characters.
11. Passwords must contain at least one capital letter.
12. Passwords must contain at least one number.
13. Passwords must contain at least one symbol.
14. Email address must be valid.
15. All fields must be filled.

Employee + Manager Sign In

1. Can be signed in with a valid Username or valid Email or valid Phone number.
2. Passwords must be valid.
3. All fields must be filled.

Update Profile (Manager + Employee)

1. No alphabet in phone number.
2. Not more than 13 numbers in phone number.
3. Not less than 11 numbers in phone number.
4. Password limit is 16 characters.
5. Password must contain at least one capital letter.
6. Password must contain at least one number.
7. Passwords must contain at least one symbol.
8. Email address must be valid.

Create ID for new employee form Manager Profile

1. Must be from a manager profile.

2. Must use a valid password.
3. No alphanumeric in Name.
4. No symbols in name.
5. No alphabet in phone number.
6. Not more than 13 numbers in phone number.
7. Not less than 11 numbers in phone number.
8. No alphabet in NID.
9. NID must contain valid 17 digits.
10. Username range must be from 8-12 characters.
11. Username must be in alphanumeric.
12. Password limit is 16 characters.
13. Passwords must contain at least one capital letter.
14. Passwords must contain at least one number.
15. Passwords must contain at least one symbol.
16. Email address must be valid.
17. All fields must be filled.

Remove an existing employee

1. Must be from a manager profile.
2. Must be a valid password.
3. Must be a valid employee user ID.
4. Must confirm choice of termination (yes/no).

Creating Customer ID

1. Could be from manager or employee
2. Name must not contain alphanumeric characters
3. No symbols in name
4. No alphabet in phone number.
5. Not more than 13 numbers in phone number.
6. Not less than 11 numbers in phone number.
7. No alphabet in NID.
8. NID must contain valid 17 digits.
9. Age must be equal 16 or more
10. Age must not contain symbols
11. Age must not contain alphabet
12. Email address must be valid
13. Account number must be unique
14. Account number must be of 12 digits
15. All fields must be filled
16. Must have a valid signature.

Check Customer

1. Could be from manager and employee
2. Account number must be valid

Remove Customer

1. Could be from manager and employee
2. Must be a valid password.
3. Account number must be valid
4. Must confirm choice of removal (yes/no).

Deposit Credit

1. Could be from manager and employee
2. Account number must be valid
3. Credit value must be equal to One thousand Taka or more
4. Credit value must not be more than Fifty lakh Taka
5. Must have a valid signature.

Transfer Credit

1. Could be from manager and employee
2. Account number must be valid
3. Receiver account must be valid
4. Transfer credit must be equal to five thousand or more.
5. Transfer credit must not exceed 1 lakh at a time\
6. Must have a valid signature of sender account

Withdraw Credit

1. Could be from manager and employee
2. Account number must be valid
3. Withdraw money must be more than five hundred taka
4. Withdraw money must not exceed 10 lakh taka
5. After transaction customer must have at least five hundred taka in their account
6. Must have a valid signature of sender account

The above criterias that are mentioned above are the possible test cases. We will be writing the final test cases according to the above criterias.