

Sign up

ASUMSIKAN HANYA USERNAME, EMAIL DAN PASSWORD

1. sign up verification (+)

pre-cond

- open application page
- prepare the information you want to register

main test

- input all of valid information you need ex. username/email/password

post-cond

- user success registered
- data verification success

2. email already registered (-)

pre-cond

- open application page

main test

- input all of valid information you need before

post-cond

- get error message email is already in use

3. missed username (-)

pre-cond

- open application page

main test

- input valid information except username column

post-cond

- get error message username needed

4. weak password (-)

pre-cond

- open application page

main test

- input valid information with shorter password

post-cond

- get error message that password is too short

5. not accepting the terms and conditions (-)

pre-cond

- open application page

main test

- input all of valid information you need ex. username/email/password
- uncheck the box to accept the terms and conditions

post-cond

- get error message terms and conditions must accepted

6. email validation (-)

pre-cond

- open application page

main test

- input email valid information without '@'

post-cond

- get error message that email format not valid

7. special character validation (-)

pre-cond

- open application page

main test

- input valid information except username column with special character like '@, #, \$'

post-cond

- get error message special character not allowed

8. email confirmation if necessary (+)

pre-cond

- open application page

main test

- input valid information you need

post-cond

- get email notification
- check email that register notification and confirmation

9. email verification automatic (+)

pre-cond

- open application page

main test

- input valid information you need

post-cond

- email verification will automatic send to email address user
- registration confirmation after followed link verification from email
- verification that user success register after confirmation email

10. password restriction (-)

pre-cond

- open application page

main test

- input the valid information but in the password column just input letters or numbers

post-cond

- get error message that password is too weak

11. username length restriction (-)

pre-cond

- open application page

main test

- input valid information with username column use too long word

post-cond

- get error message that username too long

12. password confirmation doesn't match (-)

pre-cond

- open application page

main test

- input valid information but in confirmation password column doesn't match with password column

post-cond

- get error message that password doesn't match

13. missed email (-)

pre-cond

- open application page

main test

- input valid information except email column

post-cond

- get error message that email needed

14. missed password (-)

pre-cond

- open application page

main test

- input valid information except password column

post-cond

- get error message that password needed

15. password confirmation missed (-)

pre-cond

- open application page

main test

- input valid information
- the confirm password column is empty

post-cond

- get error message that password confirmation needed

Log in

1. log in credential (+)

pre-cond

- open application page

main test

- input valid credentials account

post-cond

- verify that the user has successfully logged in
- confirm that the app navigates to the dashboard

2. wrong credential (-)

pre-cond

- open application page

main test

- input valid email but wrong password

post-cond

- get error message that error credential

3. username is empty (-)

pre-cond

- open application page

main test

- input random username or not registered but valid password

post-cond

- get error message that username not found

4. account not registered (-)

pre-cond

- open application page

main test

- input user information that not valid (email/username dan password)

post-cond

- get error message that username/email not found

- get error message that user not yet to register

5. empty column (-)

pre-cond

- open application page

main test

- let username/email and password column is empty

post-cond

- get error message that log in column must be filled in

6. account blocking (-)

main test

- several attempts failed to enter

post-cond

- terdapat pesan kesalahan bahwa sistem memblokir akun setelah jumlah percobaan yang ditentukan get error message that the system blocks the account after a certain number of attempts

- pesan coba masuk kembali setelah pemblokiran message "try to log in again" after blocking message

- the system keeps blocking login access for the specified period

7. log in with email (+)

pre-cond

- open application page

main test

- input valid email address and valid password

post-cond

- verify that user success log in with email address

8. log in after missed password (+)

pre-cond

- enter the forgotten password form to reset the password

main test

- log in again with new password

post-cond

- user success log in after reset the password

9. account is disabled (-)

pre-cond

- account has disabled

main test

- log in with valid credential

post-cond

- get error message that your account is disabled

10. IP blocking after brute force attacks (-)

main test

- login fails repeatedly

post-cond

- there is an error message that the system blocked the IP address after reaching the try limit

main test

- log in again using the blocked IP address

post-cond

- get error message that user failed to log in during a certain period

11. log in with social authentication (+)

main test

- log in with (Google, Facebook, dll)
- masukan akun email valid google atau facebook input valid email google account or facebook account

post-cond

- get meesage that user success log in with social authentication

12. log in with 2 factor authentication (+)

pre-cond

- open application page

main test

- input valid credential
- verification via the second method (code otp SMS, authentication application)

post-cond

- get message that user success log in after bypass two-factor authentication

13. not valid credential [injection] (-)

pre-cond

- open application page

main test

- input special character in username or password column (OR 1=1)

post-cond

- get error message that the system does not allow SQL injection attacks

Update Profile

1. upload profile (+)

pre-cond

- entry to the profile page
- choose update profile option

main test

- choose file from local device

post-cond

- foto success uploaded
- foto success displayed in profile page

2. not choosen profile picture (-)

pre-cond

- entry to the profile page
- choose update profile option

main test

- let upload picture column is empty

post-cond

- get error message that picture must be choose

3. format gambar tidak valid (-)

pre-cond

- entry to the profile page
- choose update profile option

main test

- choose file with not support format

post-cond

- get error message that picture not valid

4. image size is too large (-)

pre-cond

- entry to the profile page
- choose update profile option

main test

- choose picture with more size maximum

post-cond

- get error message that picture size too large

5. missed while upload process (-)

pre-cond

- entry to the profile page
- choose update profile option

main test

- choose valid file picture
- simulate the internet connection being lost during the upload process

post-cond

- get error message that any miss while upload the picture

Product Purchase by Bank or Virtual Account

1. product purchase by bank or virtual account

pre-cond

- open application page
- choose product will buy
- open shopping cart cart

main test

- choose payment method (transfer bank atau rekening virtual)
- fill detail payment you need

post-cond

- order process success
- status switch to in progres
- customer receive purchase confirmation
- customer receive details and instruction payment

2. insufficient balance/saldo (-)

pre-cond

- account have insufficient balance for purchase
- choose product will buy
- open shopping cart cart

main test

- choose payment method (transfer bank atau rekening virtual)
- fill detail payment you need

post-cond

- get error message that insufficient balance
- ordered not process
- status not change/pending

3. missed validation payment (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose payment method (transfer bank atau rekening virtual)
- fill not valid detail payment

post-cond

- get error message payment validation
- ordered not process
- status not change/pending

4. disruption during the payment process (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose payment method (transfer bank atau rekening virtual)
- fill not valid detail payment
- disconnect internet

post-cond

- get error message any disruption while transaction process
- ordered not process
- status not change/pending

5. expired payment (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose payment method (transfer bank atau rekening virtual)
- fill valid detail payment
- wait until the payment deadline is complete
- do payment

post-cond

- get error message payment after the deadline
- ordered not process
- status not change/pending

Product Purchase by OVO or Gopay

1. product purchase by OVO or Gopay

pre-cond

- open application page
- choose product will buy
- open shopping cart cart

main test

- choose payment method (OVO atau Gopay)
- fill valid detail payment

post-cond

- ordered process success
- status switch to in progress
- customer receive purchase confirmation
- customer receive details and instruction payment

2. insufficien balance (-)

pre-cond

- account have insufficient balance for purchase
- choose product will buy
- open shopping cart cart

main test

- choose payment method (OVO atau Gopay)
- fill valid detail payment you need

post-cond

- get error message that insufficient balance
- ordered not process
- status not change/pending

3. missed validation payment (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose method payment (OVO atau Gopay)
- fill not valid detail payment

post-cond

- get error message payment validation
- ordered not process
- status not change/pending

4. disruption during the payment process (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose method payment (OVO atau Gopay)
- fill valid detail payment
- disconnect internet

post-cond

- get error message any disruption while transaction process
- ordered not process
- status not change/pending

5. expired payment (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose method payment (OVO atau Gopay)
- fill valid detail payment
- wait until the payment deadline is complete
- do payment

post-cond

- get error message payment after the deadline
- ordered not process
- status not change/pending

6. error entering Gopay account pin code (-)

pre-cond

- choose product will buy
- open shopping cart cart

main test

- choose method payment (Gopay)
- fill valid detail payment
- blame the pin code as much as the trial limit

post-cond

- get error message failed payment
- get error message payment after the deadline
- ordered not process
- status not change/pending

Write down the Pre-Condition or Assumption that you used in writing the test script.

Pre-Conditions

1. User Authentication:

- The user has successfully authenticated and entered the application with a valid account

2. OVO or Gopay account:

- Users have an active OVO or Gopay account

3. Product Availability:

- Products that users want to buy are available in the product catalog

4. Sufficient Balance:

- For positive cases, the OVO or Gopay account has sufficient balance to cover the cost of the selected product

Assumption

1. Proper App Version:

- Testing is performed on the correct version of the application, ensuring there are no version-specific issues.

2. Stable Internet Connection:

- It is assumed that there is a stable and reliable internet connection during the testing process.

3. Valid Product Information:

- Product information (name, price, etc.) displayed in the application is considered accurate and up to date.

4. Payment Gateway Works:

- Payment gateways for OVO and Gopay are assumed to be functional and capable of processing transactions.

5. No Concurrent Transactions:

- It is assumed that there are no ongoing or concurrent transactions that could interfere with the test scenario.

6. No Maintenance Time:

- The application and payment gateway are assumed to be free from downtime during the testing period.

7. No User Interface Changes:

- The user interface for the purchasing process is considered unchanged during the testing period.

8. Safe Environment:

- The testing environment is considered secure, and the test data used does not compromise sensitive information.

Find the defect in the following form

- User ID should not be displayed when registering
- user ID is not input from the user
- User ID is internal and generated in a system
- User IDs generally have a varchar or string data type, so special/unique characters are not permitted such as '\$_&'
- When verifying the command is to enter the number as shown on the left
- When verifying, you are not allowed to enter other characters such as letters and unique characters