



IT 314

Software Engineering

SPRINT 1 – USER CONTROLLER UNIT TESTING

Fork & Feast

Group 28


Login page

Customer Login

Login

☐ Remember Me

[Forgot Password?](#)

 Sign in with Google

Don't have an account? [Sign Up](#)

Input fields for Login are as above

- Email
- Password

Derived Equivalence Classes

For input fields:

Email Address:

- Valid Equivalence Classes:
 1. Properly formatted email (e.g., user@example.com) and a valid email already signed in
- Invalid Equivalence Classes:
 2. Email without “@” symbol (invalid).
 3. Email with multiple “@” symbols. (invalid)
 4. Email with special characters after “@”.(invalid)
 5. Email with double dots in the top-level domain. (invalid)
 6. Email with an incorrect domain. (invalid)
 7. Email not verified
 8. Email with space within. (invalid).
 9. The email is blank (invalid).
 10. Already logged-in as a customer, now trying to login as restaurant owner

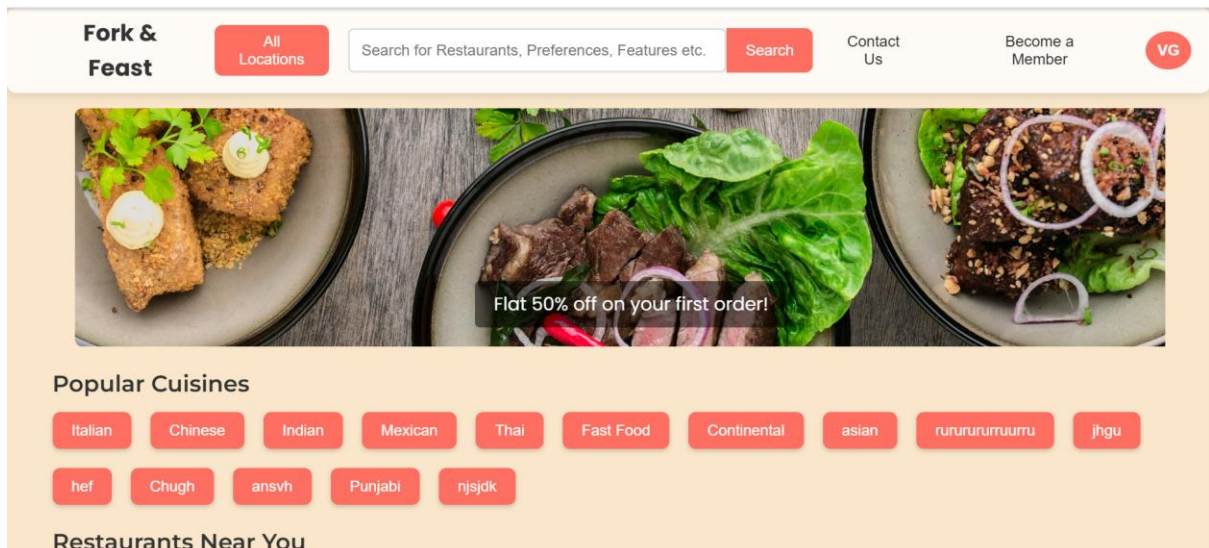
Password:

- Valid Equivalence Classes:
 11. Any non-empty string (e.g., password123) that is a password to a correct logged-in email address
- Invalid Equivalence Classes:
 12. Empty password field.
 13. Invalid password field
 14. Password missing a number
 15. Password does not contain a capital letter

Test Cases	Email id	Password	Validity	Classes covered
TC01	mkkakis5e@gmail.com	Mkk@2023	Valid	Login successful
TC02	mkkakis5e@gmail.com	Mkk@2023	inValid	Email not verified
TC03	mkkakis5e@gmail.com		Invalid	Error: Password field is empty
TC04	mkkakis5e@@gmail.com	Mkk@2023	Invalid	Error: Invalid email format
TC05	mkkakis5e@gm.com	Mkk@2023	Invalid	Error: Invalid email domain
TC06	mkkakis5e@ gmail.com	Mkk@2023	Invalid	Error: Email contains spaces
TC07	mkkakis5e@gmail.com	mkk2023	Invalid	Error: Password must include uppercase letters and special characters
TC8	mkkakis5e@gmail.com	Mkk	Invalid	Error: Invalid password
TC9	mkkakis5e@gmail.com		Invalid	Error: Password field is empty
TC10		Mkk@2023	Invalid	Error: Email field is empty
TC11	mkkakis5e@gmail.com	mkk	Invalid	Error: Password must have at least 6 characters
TC 12	mkkakis5e@gmail.com	Mkk@mkk	Invalid	Error: Password missing a number
TC 13	mkkakis5e@gmail.com	Mkk@2023	Invalid	Already logged in as a customer
TC 14	mkkakis5e@gmail.com	mkk@2023	Invalid	Password does not contain a capital letter

Acceptance criteria

TC01	mkkakis5e@gmail.com	Mkk@2023	Valid	Login successful	Valid email and password.
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TC02	mkkakis5e@gmail.com	Mkk@2023	inValid	Email not verified
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Customer Login

Login

Please verify your email before logging in. Check your inbox for the confirmation link.

TC03	mkkakis5e@gmail.com		Invalid	Error: Password field is empty
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Customer Login

mkkakis5e@gmail.com

password



Please fill out this field.

☐ Remember Me

[Forgot Password?](#)



Sign in with Google

Don't have an account? Sign Up

TC04	mkkakis5e@@gmail.com	Mkk@2023	Invalid	Error: Invalid email format
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Customer Login

mkkakis5e@@gmail.com



A part following '@' should not contain the symbol '@'.

Login

☐ Remember Me

[Forgot Password?](#)



Sign in with Google

Don't have an account? Sign Up

TC05	mkkakis5e@gm.com	Mkk@2023	Invalid	Error: Invalid email domain
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Customer Login


mkkakis5e@gm.com

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Login

☐ Remember Me

[Forgot Password?](#)

 Sign in with Google

Don't have an account? Sign Up

TC06	mkkakis5e@ gmail.com	Mkk@2023	Invalid	Error: Email contains spaces
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Customer Login

mkkakis5e@gmail.com



A part following '@' should not contain the symbol ' '.

Login

Enter Valid Email

☐ Remember Me

[Forgot Password?](#)



Sign in with Google

Don't have an account? [Sign Up](#)

TC07	mkkakis5e@gmail.com	mkk2023	Invalid	Error: Password must include uppercase letters and special characters
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Customer Login

Login

Please verify your email before logging in. Check your inbox for the confirmation link.

☐ Remember Me

[Forgot Password?](#)



Sign in with Google

Don't have an account? [Sign Up](#)

TC8	mkkakis5e@gmail.com	Mkk	Invalid	Error: Invalid password
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Customer Login

Login

Please verify your email before logging in. Check your inbox for the confirmation link.

☐ Remember Me

[Forgot Password?](#)



Sign in with Google

Don't have an account? [Sign Up](#)

TC9	mkkakis5e@gmail.com		Invalid	Error: Password field is empty
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Customer Login

mkkakis5e@gmail.com

password



Please fill out this field.

Please verify your email before logging in. Check your inbox for the confirmation link.

☐ **Remember Me**

[Forgot Password?](#)



Sign in with Google


Don't have an account? Sign Up

TC10		Mkk@2023	Invalid	Error: Email field is empty
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Customer Login

Email

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 Please fill out this field.

Login

Please verify your email before logging in. Check your inbox for the confirmation link.

☐ Remember Me

[Forgot Password?](#)

 Sign in with Google

Don't have an account? Sign Up

TC11	mkkakis5e@gmail.com	Mkk	Invalid	Error: Password must have at least 6 characters
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Customer Login

Login

Please verify your email before logging in. Check your inbox for the confirmation link.

☐ Remember Me

[Forgot Password?](#)

 Sign in with Google

Don't have an account? Sign Up


TC 12	mkkakis5e@gmail.com	Mkk@mkk	Invalid	Error: Password missing a number
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Customer Login

Login

☐ Remember Me

[Forgot Password?](#)

 Sign in with Google

Don't have an account? Sign Up

TC 13	mkkakis5e@gmail.com	Mkk@2023	Invalid	Already logged in as a customer
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Restaurant Owner Signup

User already exists

TC 14	mkkakis5e@gmail.com	mkk@2023	Invalid	Password does not contain a capital letter
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Customer Login

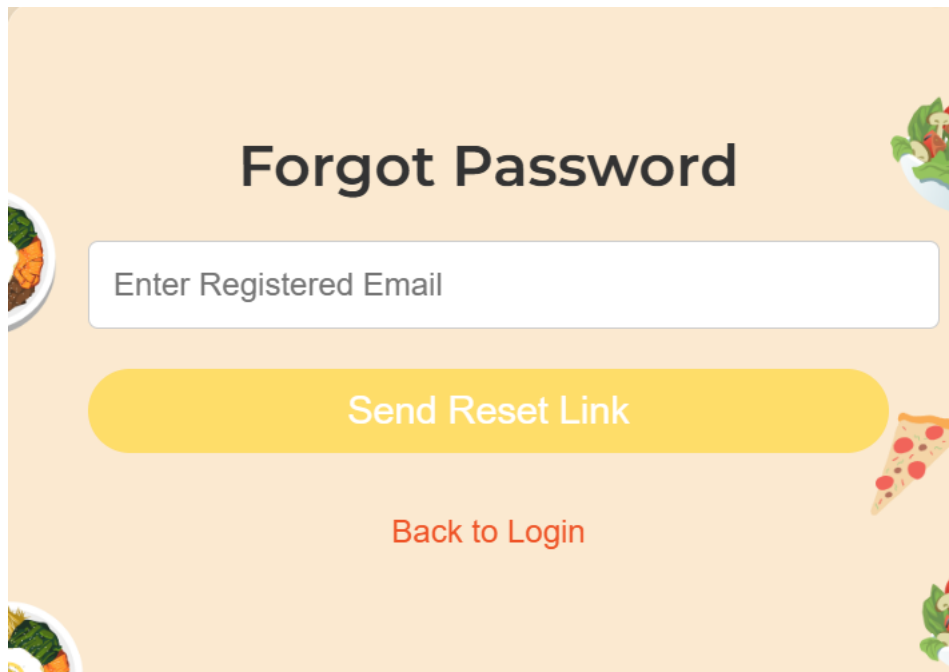
Please verify your email before logging in. Check your inbox for the confirmation link.

☐ Remember Me

[Forgot Password?](#)

Don't have an account? [Sign Up](#)

FORGET PASSWORD



The image shows a 'Forgot Password' form on a light orange background. The form includes a title 'Forgot Password', an input field for 'Enter Registered Email', a yellow 'Send Reset Link' button, and a red 'Back to Login' link. The background is decorated with illustrations of food items like a salad bowl, a pizza slice, and a plate of vegetables.

Forgot Password

Enter Registered Email

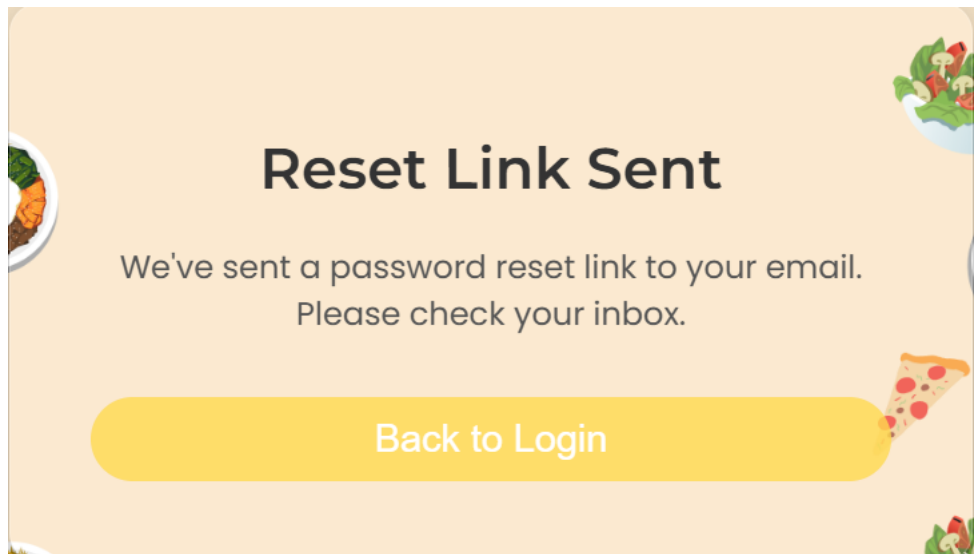
Send Reset Link

[Back to Login](#)

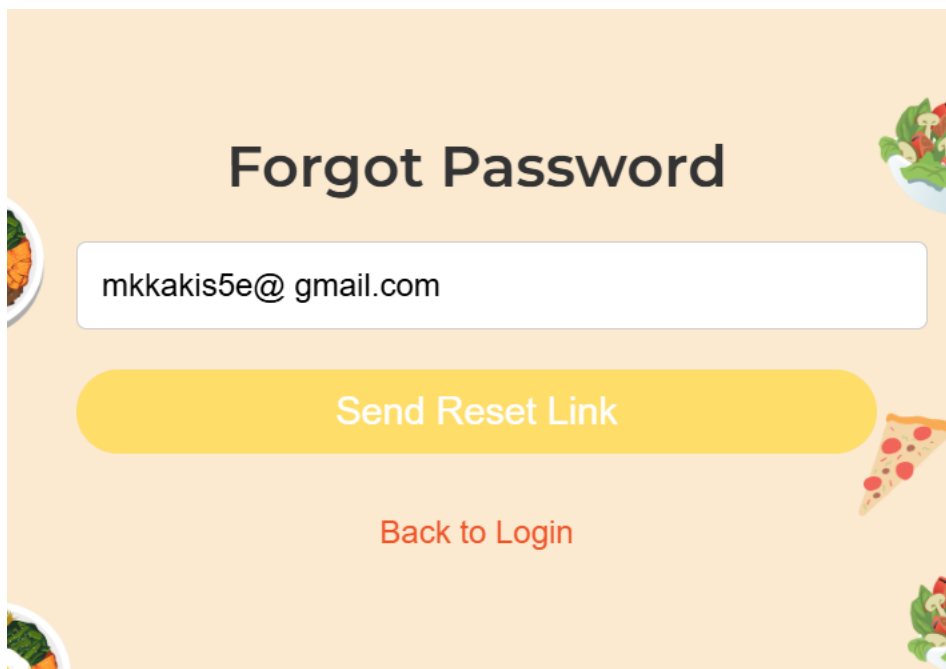
Equivalence class

1. Valid and registered email
2. Reset link successfully sent
3. Reset link not successfully sent
4. Invalid email- Spaces in the email address
5. Invalid email- Special characters in the address
6. Invalid email- invalid domain
7. Invalid email- invalid email format
8. New reset password is invalid

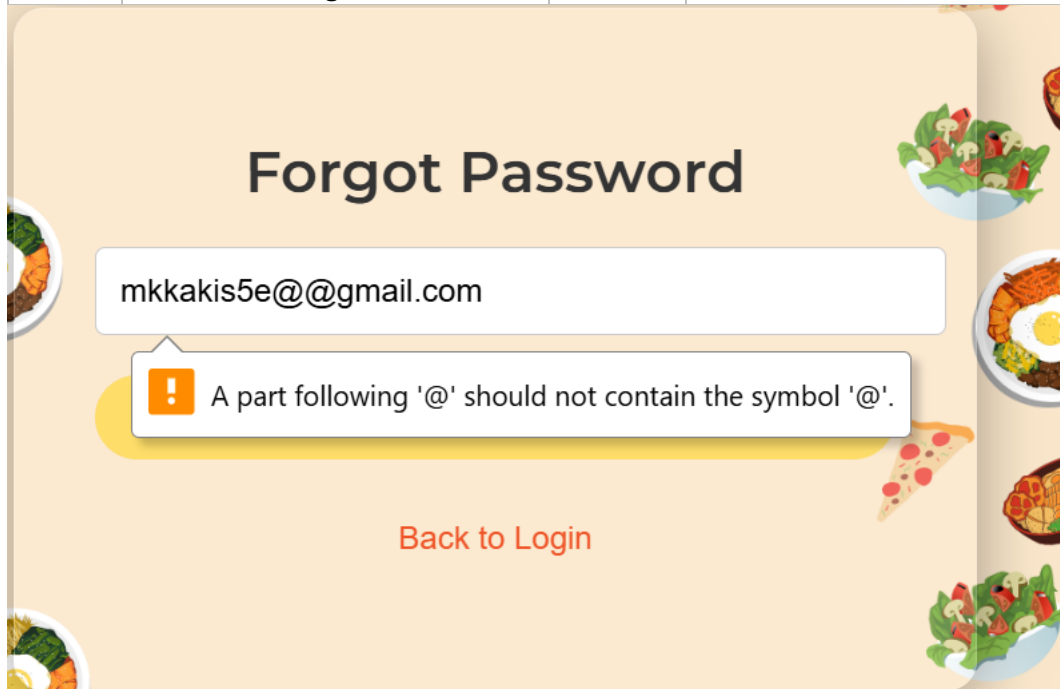
TC1	mkkakis5e@gmail.com	valid	Successful reset link is sent
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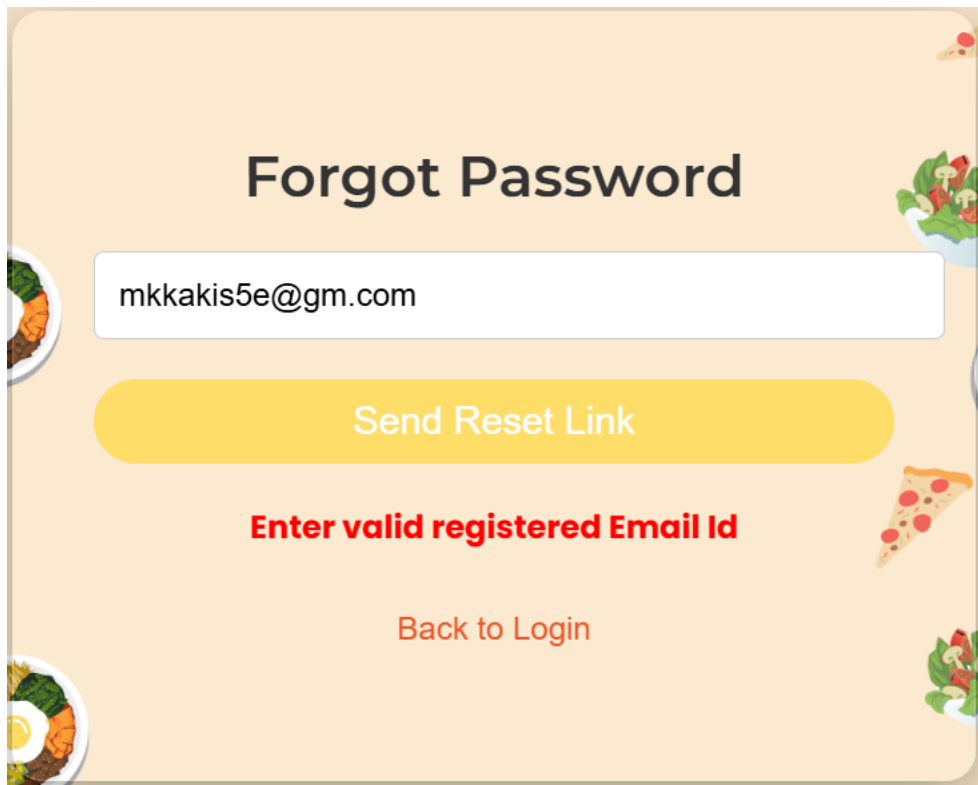
TC2	mkkakis5e@gmail1.com	invalid	Successful reset link is not sent
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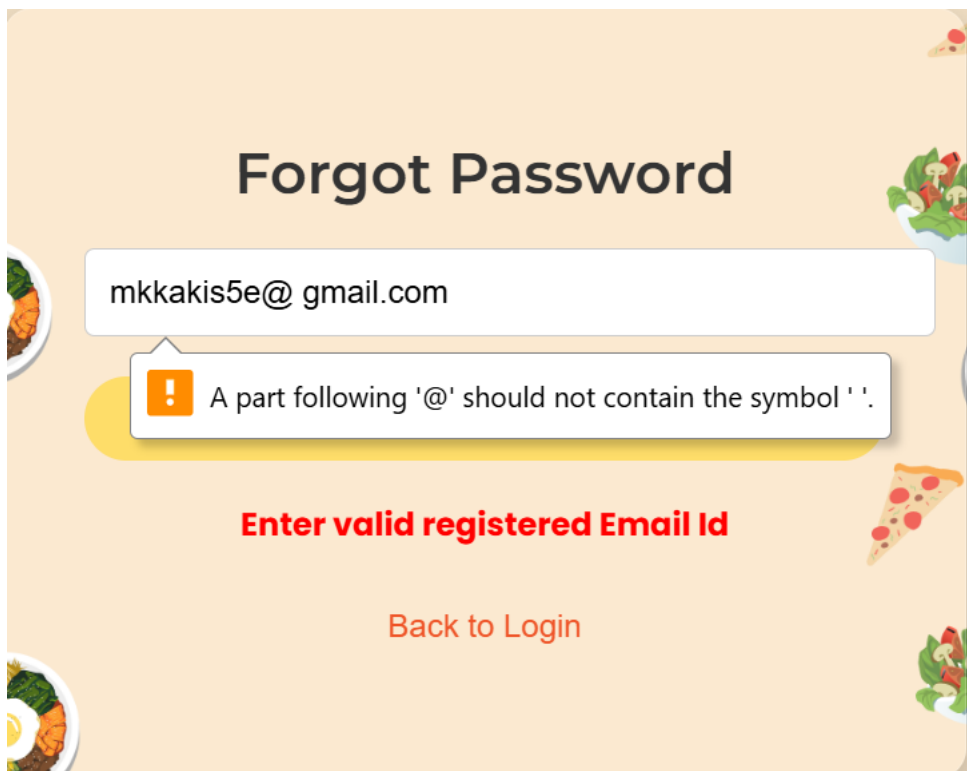
TC03	mkkakis5e@@gmail.com	Invalid	Error: Invalid email format
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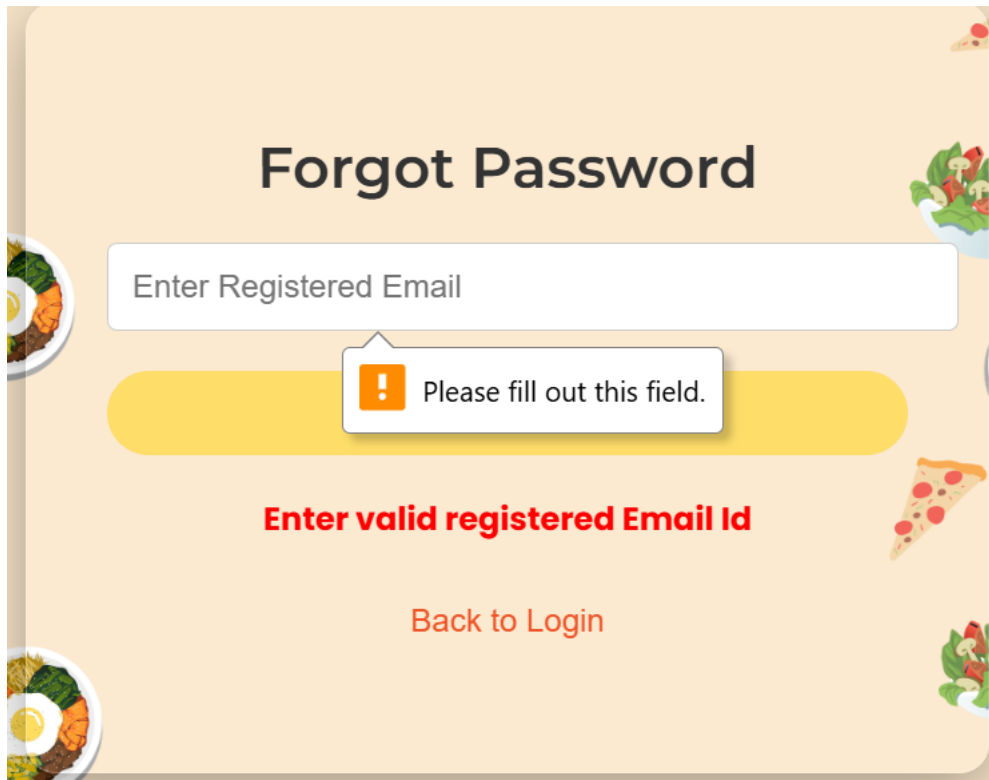
TC04	mkkakis5e@gm.com	Invalid	Error: Invalid email domain
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TC05	mkkakis5e@ gmail.com	Mkk@2023	Invalid	Error: Email contains spaces
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TC06		Invalid	Error: Email field is empty
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TC07		Invalid	Error: New password is invalid
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Reset Password

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user validation failed: password: Password must be of minimum length 6 and must contain at least one uppercase letter, one lowercase letter, one number, and one special character

Reset Password