

Signup Page

Equivalence Classes:

Email:

EE1: Invalid Email (Invalid)

EE2: Email already taken (Invalid)

EE3: Empty Email (Invalid)

EE4: Valid unique email (Valid)

Username:

EU1: Username already taken (Invalid)

EU2: Empty Username (Invalid)

EU3: Unique username (Valid)

Password:

EP1: Password length < 3 (Invalid)

EP2: Password length >= 3 (Valid)

Test Cases:

Email	Username	Mobile No.	Password	Expected Result
Abc (Invalid format)	<Unique> (Valid)	<Any number> (Valid)	>= 3 length (Valid)	"Invalid Email" error
<Empty> (Invalid)	<Unique> (Valid)	<Any number> (Valid)	>= 3 length (Valid)	"Email cannot be empty" error
<Already taken email> (Invalid)	<Unique> (Valid)	<Any number> (Valid)	>= 3 length (Valid)	"Email already taken" error
abc@d.com <Valid Format>	<Existing Username> (Invalid)	<Any number> (Valid)	>= 3 length (Valid)	"Username already taken" error
<Valid format>	<Empty> (Invalid)	<Any number> (Valid)	>= 3 length (Valid)	"Username cannot be empty" error
<Valid	<Unique>	<Any number>	Pq	"Too short"

Format>	(Valid)	(Valid)	(2 length password) (Invalid)	password” error
<Valid Format>	<Unique> (Valid)	<Any number> (Valid)	>= 3 length (Valid)	Registration Successful

Login Page

Equivalence Classes:

Email:

EE1: Email Exist (Valid)

EE2: Empty Email (Invalid)

EE3: No such Email exist (Invalid)

Password:

EP1: Password correct corresponding to provided username (Valid)

EP2: Empty Password (Invalid)

EP3: Incorrect Password (Invalid)

Test Cases:

Username	Password	Expected Result
<Email Exist> (Valid)	<Correct Password> (Valid)	Login Successful
<Email Exist> (Valid)	<Empty> (Invalid)	"Empty Password" error
<Email Exist> (Valid)	<Incorrect Password> (Invalid)	"Invalid Credentials" error
<Email does not exist> (Invalid)	<Empty Password> (Invalid)	"Empty Password" error
<Email does not exist> (Invalid)	<Non-Empty password>	"Invalid Credentials" error
<Empty> (Invalid)	<Empty>	"Empty Email/Password" error
<Empty> (Invalid)	<Non-Empty>	"Empty Email" error

Individual/Group Chat Page

Equivalence Classes

Chat Message

E1: Empty Message (Invalid)

E2: Non-Empty Message (Valid)

Test Cases:

Message	Expected Result
<Empty>	Cannot send an empty message
<Length 1 message> (Eg - a, /, *, 0)	Message Sent
<A Large Message>	Message Sent

Create Group Page

Equivalence Classes

Group Members

E1: No User selected (Invalid)

E2: At least one User selected (Valid)

Test Cases:

Number of Users Selected	Expected Result
0	"Select at least 1 user" error
1	Move to next step, say naming of group
> 1 (eg. 5)	Move to next step, say naming of group

New Group Page

Equivalence Classes

Group Name

EG1: Empty Name (Invalid)

EG2: Non-Empty Name (Valid)

Test Cases:

Group Name	Expected Result
<Empty>	Do not create group
1 length name, eg. 'a', '/'	Successfully created group
> 1 length name, eg. 'Hello'	Successfully created group

Give Rating to Group Page

Equivalence Classes

Rating

ER1: No stars selected (Invalid)

ER2: 1-5 star rating selected (Valid)

Test Cases:

Number of Stars Selected	Expected Result
0	Do not change group rating
1	Update group rating
5	Update group rating

Search User

Equivalence Classes

Search Text

ES1: Text represents a valid User's username within location range (Valid)

ES2: Text represents a valid User's username outside location range (Invalid)

ES3: No user with such name (Invalid)

ES4: Empty text (Valid)

Test Cases:

Search String	Expected Result
<Empty>	Returns all users within location range
<Username of user within range>	Returns that particular user
<Username of user outside range>	Returns nothing
<Username which does not exist>	Returns nothing
<Any non-empty string>	Returns all users whose username contain search string as substring

Search Group

Equivalence Classes

Search Text

ES1: Text represents a valid group name within location range (Valid)

ES2: Text represents a valid user outside location range (Invalid)

ES3: No group with such name (Invalid)

ES4: Empty Text (Valid)

Test Cases:

Search String	Expected Result
<Empty>	Return all groups within location range
<A single character>	All groups within range that contain that character in their name
<Multiple character string>	All groups within range that have search string as a substring

Add Group Description

Equivalence Classes

Description Text

ED1: Empty Description (Invalid)

ED2: Non-Empty Description (Vaid)

Test Cases:

Length of Description	Expected Result
0	Group description not updated
1	Update group description with string provided
> 1	Update group description with string provided

Reset Password Page

Equivalence Classes

Enter OTP

E1: Correct OTP Entered (Valid)

E2: Incorrect OTP Entered (Invalid)

Test Cases:

Entered OTP	Expected Result
<Empty>	Do not ask for new password
<Incorrect non-empty>	Do not ask for new password
<Correct>	Ask for new password

New Password Page

Equivalence Classes:

E1: < 3 length password

E2: > = 3 length password

Test Cases:

New Password Length	Expected Result
2	"Too short password" error
3	Successfully changed password
> 3	Successfully changed password

Create Event Page

Equivalent Classes:

Picture:

EP1: Picture chosen (Valid)

EP2: No Picture chosen (Invalid)

Event Name:

EN1: Empty Name (Invalid)

EN2: Non-Empty Name (Valid)

Event Description:

ED1: Empty Description (Invalid)

ED2: Non-Empty Description (Valid)

Date:

EA1: No Date chosen (Invalid)

EA2: Past Date chosen (Invalid)

EA3: Current/Future Date chosen (Valid)

Time:

ET1: No time chosen (Invalid)

ET2: Some time chosen (Valid)

Test Cases:

Picture	Name	Description	Date	Time	Expected Result
<Not Chosen> (Invalid)	<Non - Empty> (Valid)	<Non - Empty> (Valid)	<Future> (Valid)	<Any>	"No Picture chosen" error
<Chosen> (Valid)	<Empty> (Invalid)	<Non - Empty> (Valid)	<Future> (Valid)	<Any>	"Empty Name" error
<Chosen> (Valid)	<Non - Empty>	<Empty> (Invalid)	<Future> (Valid)	<Any>	"Empty Description"

	(Valid)				error
<Chosen> (Valid)	<Non - Empty> (Valid)	<Non - Empty> (Valid)	<Past> (Invalid)	<Any>	“Event date cannot be of past” error
<Chosen> (Valid)	<Non - Empty> (Valid)	<Non - Empty> (Valid)	<Current> (Valid)	<Less than current time> (Invalid)	“Time for current date is of past” error
<Chosen> (Valid)	<Non - Empty> (Valid)	<Non - Empty> (Valid)	<Current> (Valid)	<More than current time> (Valid)	Event Successfull y Created
<Chosen> (Valid)	<Non - Empty> (valid)	<Non - Empty> (Valid)	<Future> (Valid)	<Any>	Event Successfull y Created