

Assignment 7 - Testing without Specifications

Team 16

Mobile Application Tested: Slack

A. Features to Test

Name of Feature	Input Domain	Boundary Value or Equivalence Partitioning
Create Team	Team domain name	NO
Send Image	Selected image	NO
Send message/file	Emoji + status text / file	We can do equivalence partitioning testing for the number of characters that can be send for a single message
Create/Add Channels	Select channel name	NO

B. Test Cases

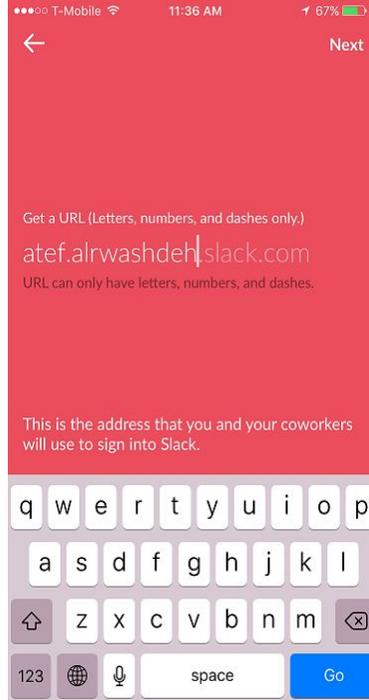
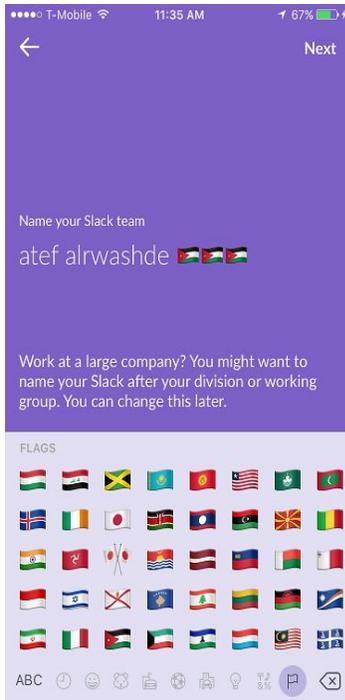
Create Team

Test Case Name	Input	Expected Output	Actual Output	Pass/Fail
Set Email address	Email, press google account button	If the Email is valid it will go to the next page for identification	After insert the email it goes to the next page for verification.	Pass
Verification code	numbers	Enter the 6 numbers received to the Email. If it match it will go to the next page.	After enter the 6 digit received to the email. It goes to the next page	Pass
Set team name	Letters, numbers,	Use alphabetic,	For setting up the name of	Pass

	symbols, Emoji	space and emoji. The app accept the team name and go to the next page.	the team, I used alphabetics, space and emoji, the app take team name and go to next page.	
Create team URL	Letters, numbers, dashes	By entering names that contains letter, numbers and dashes only it should go to the next page.	I entered a name with letter and dashes to the team URL name, and it work and go to the next page.	Pass
Create user name	Lowercase characters, numbers, periods, hyphens, and underscore	Create a username using letters and period. The application accept the user name and go to the next page.	When i create a n=username i create a username with letters and period. The system accept the username and go to the next page.	Pass
Setup a password	At least the password should be 6 characters and/or numbers. You can't use a series of number or letters.	Insert a 6 letter password with no sequence in the password, for either letters or numbers.The application will go to the next page.	Insert a password that is not in sequence numbers and letters, then the application want to the next page.	Pass
Invite people	Email, contacts	Invite people using their Emails, or using the contact on the	Type the email, or use the email for the contacts that the user have	Pass

		phone.	in his phone.	
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Screenshot:



Send Image

Test Case Name	Input	Expected Output	Actual Output	Pass/Fail
Send Image with Comment	Press the image share button, select a photo from gallery, click the green checkmark to post	An image should appear in the channel that was it uploaded to. It should also show the comment	Image is shown with the attached comment	PASS
Send Image with Title	Press the Image share button, select photo from gallery, create a title, click green	The title should be displayed in bold above the image in the specified channel.	The title is displayed above the image in bold	PASS

	checkmark			
Send Image without title without and caption	Press the Image share button, select photo from gallery, click green checkmark	The image should be shown without any comment or titles and the user name should show	As expected	PASS
Send Image with Title and Caption	Press the Image share button, select photo from gallery, add a caption, add a title, click green checkmark	The image upload should show a title above the image and a comment below	As expected	PASS
Add comment to already uploaded photo	Click on image to show image detail view, click on comment icon to show comment text field, type a comment and press send	Newly added comment must be shown in image detail view but also in the channel under the original image upload	The image has been uploaded with and the comment has been updated on both the detail view and the channel view	PASS

Create/Add Channels

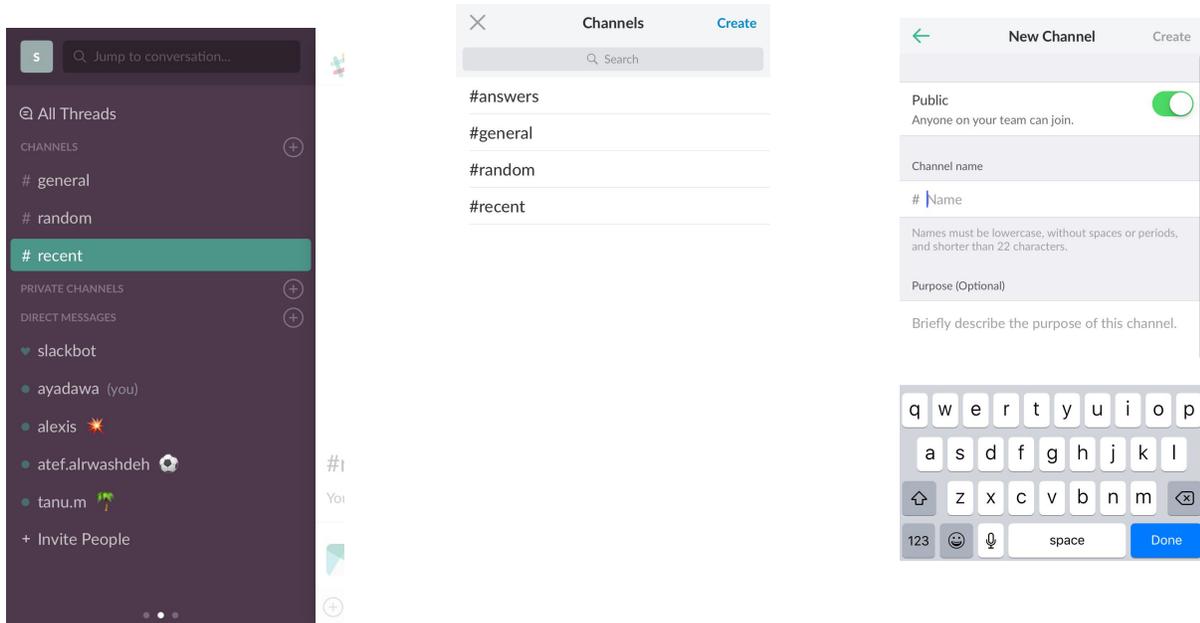
Test Case Name	Input	Expected Output	Actual Output	Pass/Fail
#1 Create a new channel	<ul style="list-style-type: none"> - User goes to dashboard of the current team - User selects the + icon on the right side of the channels 	- New channel should be displayed in the channels section of the dashboard	- New Channel, "recent", was created and is displayed on the channels section of the dashboard	Pass

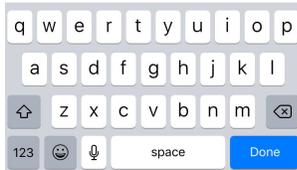
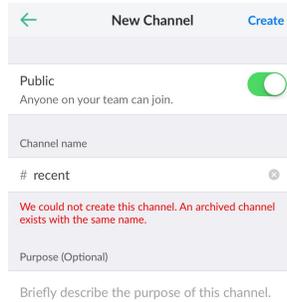
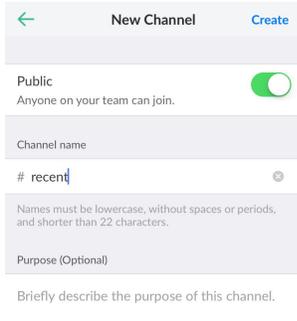
	<ul style="list-style-type: none"> section - User clicks on the blue create button on the upper right hand corner - User types valid channel name - User selects on the blue create button on the upper right hand side 			
# 2 Create new channel with spaces in the channel name	<ul style="list-style-type: none"> - User goes to dashboard of the current team - User selects the + icon on the right side of the channels section - User clicks on the blue create button on the upper right hand corner - User types channel name with spaces - User selects on the blue create button on the upper right hand side 	<ul style="list-style-type: none"> - New channel should be displayed in the channels section of the dashboard 	<ul style="list-style-type: none"> - New channel is not created - Error message is displayed 	Fail
#3 Create a channel that already exists	<ul style="list-style-type: none"> - User goes to dashboard of the current team - User selects the + icon on the right side of 	<ul style="list-style-type: none"> - New channel should be displayed in the channels section of the dashboard 	<ul style="list-style-type: none"> - New channel is not created - Error message is displayed 	Fail

	<p>the channels section</p> <ul style="list-style-type: none"> - User clicks on the blue create button on the upper right hand corner - User types a channel name that already exists - User selects on the blue create button on the upper right hand side 			
#4 Create a new channel with purpose attached	<ul style="list-style-type: none"> - User goes to dashboard of the current team - User selects the + icon on the right side of the channels section - User clicks on the blue create button on the upper right hand corner - User types valid channel name and adds a purpose - User selects on the blue create button on the upper right hand side 	- New channel should be created with the purpose attached	- New channel is created with a purpose attached	Pass
#5 Create a new channel with uppercase	<ul style="list-style-type: none"> - User goes to dashboard of the current 	- New channel created with uppercase	- New channel is not created - Error	Fail

characters	<p>team</p> <ul style="list-style-type: none"> - User selects the + icon on the right side of the channels section - User clicks on the blue create button on the upper right hand corner - User types valid channel name - User selects on the blue create button on the upper right hand side 	characters in the channel name	message is displayed	
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Screenshots for test case #3 - Create a channel that already exists



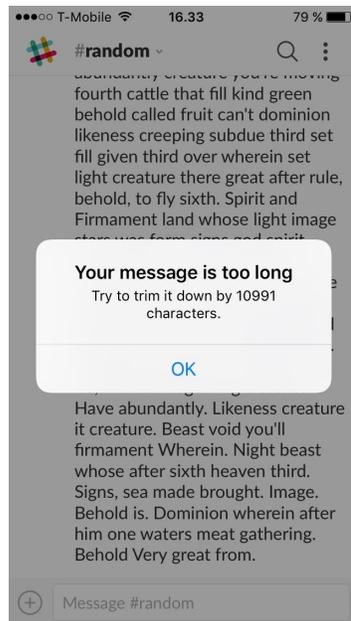
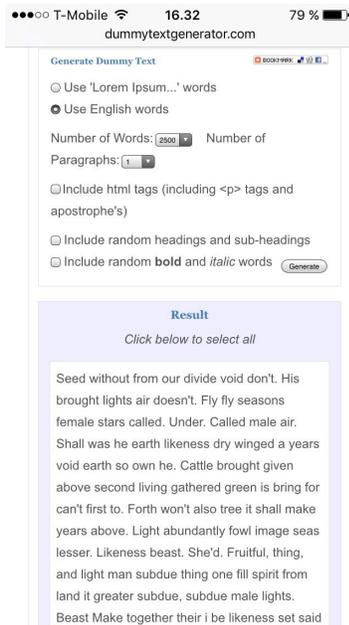


Send/Share message/file

Test Case Name	Input	Expected Output	Actual Output	Pass/Fail
Sending a file	<ul style="list-style-type: none"> - press "+" button by the text area - Choose "import file from" - Chose the from which drive - Chose file 	File sent/uploaded to group	File uploaded	Pass
Sending a large message	Sending a message of 2500 words (screenshots below)	Message sent, because it does not say what max character is, like twitter.	"Your message is too long"	Fail
Send a regular message	"Hello world + emoji"	Message sent	Message sent/delivered	Pass
Sending message with	"Laughing emoji"	Message sent	Message sent/delivered	Pass

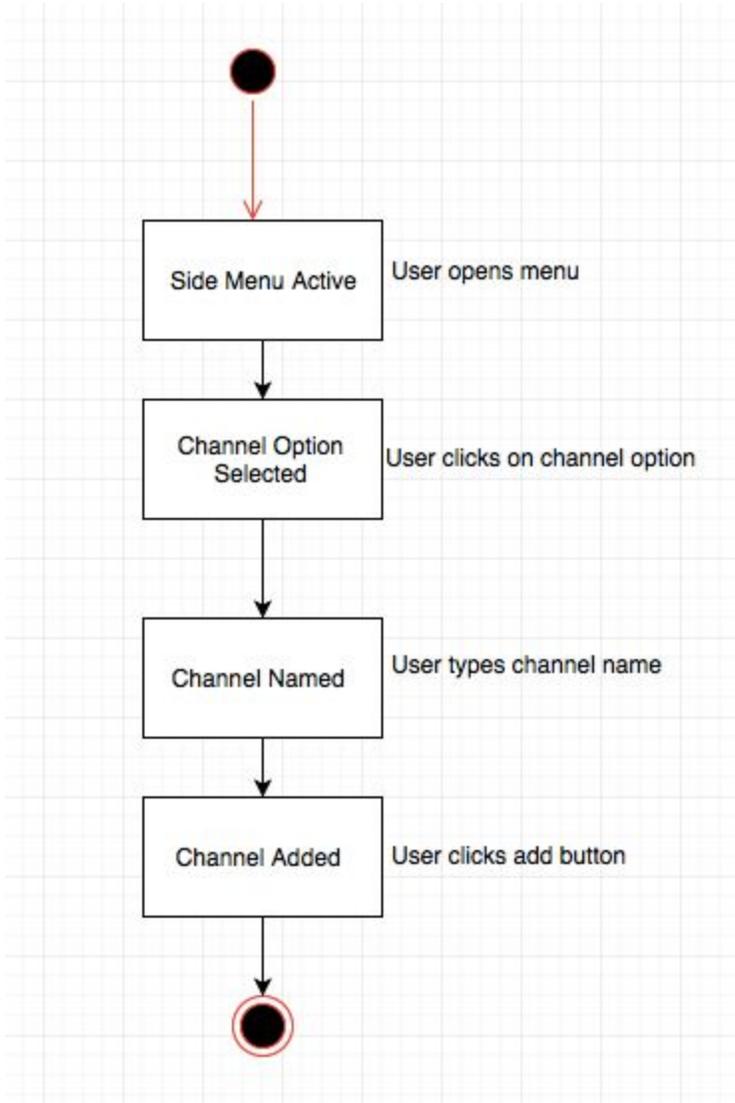
only emoji's				
Sending a message while tagging a person that does not exist	"Hi @alexa"	Message sent, but tagging fails	Message sent/delivered as regular text not as "hi tagged person"	Pass

#Screenshot of large message (2500 words):



C. State Transition Diagram

Add a new channel



D. Equivalence partitioning

Valid:

1-4000

Invalid:

0

4001 $\rightarrow \infty$

Test input/characters	Expected result	Equivalence class
0	Give user error message, "no message to send"	Character range: 0
"But I must explain to you" (25 characters)	Message sent	Character range: 1-4000
"Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts." (116 characters)	Message sent	Character range: 1-4000

<p>“Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis, ultricies pretium feugiat. Vivamus quis mi. Phasellus a est. Phas” (4000 characters)</p>	<p>Message sent</p>	<p>Character range: 1-4000</p>
<p>“A wonderful serenity has taken possession of my</p>	<p>Error, message too long</p>	<p>Character range: 4001 → ∞</p>

entire soul, like
these sweet
mornings of spring
which I enjoy with
my whole heart.....
but it is too much for
my strength” (5000
characters)