Phoenix-Trello Testing Documentation

We have performed a multitude of testing on the Phoenix-Trello web page, with the help of selenium IDE. This document contains a table of test cases which summarizes our efforts and outputs. The testing was performed by **Sejuti Sharmin Siddiqui (1420)** and **ABB Muhaimeen (1423).**

SL no.	Test Scenario	Page	Action Description	Expected Result	Actual Result	Status
1	Create New Account	Sign Up	New user account creation with valid credentials.	Successfully created and redirect to Boards Page	Successfully created and redirected to Boards Page	Passed
2	User Exists	Sign Up	Adding a new user with an email that is already registered	Shows an error and Sign up fails	Shows "User Already Taken" and signup fails	Passed
3	Short Password	Sign Up	Giving a password with less than 5 characters	Show error and sign up unsuccessful	Gives an error "Password should be 5 character(s)"	Passed
4	Passwords Don't Match	Sign Up	Giving two different passwords in the password text box and the confirmation text box.	Show error and sign up unsuccessful	Shows an error and prompts the user to enter the password again.	Passed
5	Invalid Sign in Test	Sign In	Signing in with invalid credentials	Shows an error and Sign in fails	Shows an error and Sign in fails	Passed
6	Default Sign In	Sign In	Signing in with the default credentials.	Signed in successfully.	Signed in successfully.	Passed
7	Signing In with new account	Sign In	Signing in with the	Successfully signed in	Successfully signed in	Passed

			newly created account	and redirect to Boards Page	and redirect to Boards Page	
8	Signing In with Empty Credentials	Sign In	Remove all credentials and try to sign in	Sign in is unsuccessful	Sign in is unsuccessful	Passed
9	Create New Board	Boards	Creating a new board with valid name	Board is created successfully	Board is created successfully	Passed
10	Invalid Add Member	Board	Adding a member to the board that does not exist	Shows error and member addison fails	Shows error and member addison fails	Passed
11	Adding List	Board	Adding a List to a board by entering list name	New List is created	New List is created	Passed
12	Updating List	Board	Updating the list by entering a new title	The title of the list is changed.	The title of the list is changed.	Passed
13	Add Members	Board	Adding a member to a board by entering a valid email address	Shows the new member on the board.	Shows the new member on the board. Shows the board in the member's dashboard	Passed
14	Invalid Member	Board	Adding a member to a board by entering an invalid email address	The member is not added to the card.	The member is not added to the card.	Passed
15	Creating a New Card	Board	Creating a new card in a list by giving some text value	The card is added successfully.	The card is added successfully.	Passed

16	Adding member to card	Card	Adding a board member to a card by selecting.	The member is successfully added to the card.	The member is successfully added to the card.	Passed
17	Adding tag to card	Card	Adding a tag to a card	The tag element is added.	The tag element is added.	Passed
18	Adding Comment to a card	Card	Adding a comment by giving a text value.	The comment element is added to the card.	The comment element is added to the card.	Passed
19	Editing Card Description	Card	Giving a description to the card.	The description element appears in the card.	The description element appears in the card.	Passed
20	Removing tag	Card	Removing a tag from a card	The tag element is removed from the card.	The tag element is removed from the card.	Passed

While Testing we also found some bugs and unexpected behaviors. Here is a list of the bugs as follows-

1. The Email Regular Expression verification is faulty. It checks for the presence of an '@' character but not for a '.' character. For example, both abc@m.com and abc@m would be valid email addresses.
2. Invalid characters such as '#', '@', '%', '$' etc are allowed to be a part of the name for a user.
3. When a user posts a comment in a card, it displays a time. However, we have observed the time to be inaccurate.
4. When a new member is added to a board, this board appears twice in their dashboard. But if they log out and sign in again, this doesn't happen anymore. The board appears only once.
5. The description box has no limits in resizing.