



## Project Milestone 5

Team Number: 111

Team Name: Triple 1.0

Team Members: Jon Cohen, Alexandra Ferguson, Michelle Kim, Nathan Kregstein, Ramon Martinez, Gabriela Tolosa Ramirez

Application Name: RDraw

## 1. Test Plans

Test Case Name:		Login/Sign-Up User Acceptance Test				Test ID #:	AT1.1
Description:		This test ensures that the system can successfully set up a new user account and login to a previously made user account. The system will inform the user if the password does not match the username in the database. Additionally, when users are creating an account, the criteria for a password of a certain length and criteria will be shown.					
Software Ver:		RDraw. v1.0					
Setup:		1. The RDraw website is initialized on a browser. 2. RDraw has the login/sign-up page displayed.					
Step	Action	Expected Result	Pass	Fail	Comments		
1	Click on Login Button	A popup will appear and will prompt the user to input a username and password.					
2	Type into the username box "test_user_fail"	Username will appear in the box					
3	Type into the username box "test_password_fail"	Password will appear in hidden characters on screen					
4	Click Login button	Login screen will provide user with error stating "No such user exists, please sign up."					
5	Click on Sign-Up Button	A popup will appear and will prompt the user to provide personal information to create an account					
6	Type in the following to each box: Firstname: Jane Lastname: Doe Username: janedoe Email: <a href="mailto:janedoe@fakeemail.com">janedoe@fakeemail.com</a> Password: test_password_pass1	The text will appear in each textbox on the screen					

7	Click "Sign-Up"	A new user account will be created			
8	Repeat Step 1	A popup will appear and will prompt the user to input a username and password			
9	Type into username box "janedoe"	Username will appear in the box			
10	Type into the username box "test_password_pass1"	Password will appear in hidden characters on screen			
11	Click Login button	Login will succeed and user will be taken to a loading screen			

Test Case Name:		Drawing User Acceptance Test				Test ID #:	AT1.2
Description:		This test ensures that the system can successfully have two people drawing on a shared space. The system will allow two users to select the color and size of a drawing tool to draw on screen. The system will also provide turns so that only one person can draw at any given time.					
Software Ver:		RDraw. v1.0					
Setup:		1. The RDraw website is initialized on a browser. 2. User has already logged into or signed up for an account. 3. The drawing room is on the user's browser.					
Step	Action	Expected Result	Pass	Fail	Comments		
1	Click on the red color with medium thickness drawing tool	The drawing tool will change color and thickness					
2	Draw a line anywhere on the white canvas	The user drawing tool will draw with medium thick red markings					
3	Change color to green and maximum thickness	The drawing tool will change color and thickness.					
4	Draw a line anywhere on the white canvas	The user drawing tool will draw with very thick green markings					

5	Change color to blue and minimum thickness	The drawing tool will change color and thickness			
6	Draw a line anywhere on the white canvas	The user drawing tool will draw with thin blue markings			
7	Click "Switch Turns"	User has finished their turn and other user must start drawing			
8	Wait until other user is done with their turn	User will see marking appear on screen from other user			

<b>Test Case Name:</b>		<b>Exporting Image User Acceptance Test</b>				<b>Test ID #:</b>	AT1.3
<b>Description:</b>		This test ensures that the system can successfully export an image of the drawing to the user's computer. The system will export the image as a JPEG file if the user would like to save the image.					
<b>Software Ver:</b>		RDraw. v1.0					
<b>Setup:</b>		1. The RDraw website is initialized on a browser. 2. User has already logged into or signed up for an account. 3. There is a drawing present on the browser. 4. User is done drawing and is ready to finish.					
<b>Step</b>	<b>Action</b>	<b>Expected Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Comments</b>		
1	Click "Quit"	A popup will appear on screen					
2	Click "Download Picture"	User will see the image exported to local machine					
3	Go into user's Downloads	See image file in Downloads					
4	Open image	Image of drawing appears					