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# TEST CASES AND REQUIREMENTS TEST COVERAGE REPORT

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**GuessWho!**

*Face Recognition Game to aid Dementia Patients*

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## 1 Sign Up

### 1.1 Sign Up Successful

Table 1: Test Case # 1.1

Test Case #:	1.1	Test Case Name:	Sign Up Successful	
System:	GuessWho!	Subsystem:	Sign Up	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The user registers an account and signs up			
Pre-conditions:	-			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User clicks the “Register” Button	The signup page launches with a form for entering user details.	Pass	
2	User enters his/her name, date of birth, email ID and password.	The placeholders on the form are replaced with the user’s entries.	Pass	
3	User clicks the “Register” button	The website launches the login menu.	Pass	
Post-conditions:	User’s account is created.			

## 2 Login

### 2.1 Login Successful

Table 2: Test Case # 2.1

<b>Test Case #:</b>	2.1	<b>Test Case Name:</b>	Login Successful
<b>System:</b>	GuessWho!	<b>Subsystem:</b>	Login
<b>Designed by:</b>	Heng Zhi Guang	<b>Design Date:</b>	05/11/2018
<b>Executed by:</b>	Heng Zhi Guang	<b>Execution Date:</b>	05/11/2018
<b>Short Description:</b>	The user logs in to the website successfully		
<b>Pre-conditions:</b>	● The user must have signed up successfully previously		

Step	Action	Expected System Response	Pass/Fail	Comment
1	User enters his/her email ID and password.	The placeholders on the form are replaced with the user's entries.	Pass	
2	User clicks the "Login" button	The website launches the patient/caregiver menu.	Pass	
<b>Post-conditions:</b>		User has been logged in successfully.		

## 2.2 Login Failure

Table 3: Test Case # 2.2

Test Case #:	2.2	Test Case Name:	Login Failure	
System:	GuessWho!	Subsystem:	Login	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The user fails logging in to the website			
Pre-conditions:	-			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User enters his/her email ID and password.	The placeholders on the form are replaced with the user's entries.	Pass	
2	User clicks the "Login" button	The website launches an alert popup notifying the user of incorrect credentials.	Pass	
Post-conditions:	The website returns back to the login page.			

### 3 Patient Dashboard

#### 3.1 Play Game Successfully

Table 4: Test Case # 3.1

Test Case #:	3.1	Test Case Name:	Play Game Successfully	
System:	GuessWho!	Subsystem:	Patient Dashboard	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The patient starts the game and chooses the correct option			
Pre-conditions:	● The user must have successfully logged in to the website.			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User clicks the “Play Game” option in the Patient Menu	The website launches a web page with one image from a collection of the patient’s relative/friend and two names as options.	Pass	
2	User chooses the correct name from the two options.	A webpage is launched notifying the user that the chosen option is correct.	Pass	
Post-conditions:				

#### 3.2 Play Game Unsuccessfully

Table 5: Test Case # 3.2

Test Case #:	3.2	Test Case Name:	Play Game Unsuccessfully
System:	GuessWho!	Subsystem:	Patient Dashboard
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018
Short Description:	The patient chooses the wrong option		
Pre-conditions:	● The user must have logged in successfully.		

	<ul style="list-style-type: none"> <li>The user must have started playing the game.</li> </ul>			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User chooses the incorrect option from the two names	The website launches a webpage notifying the user of the wrong guess.	Pass	
<b>Post-conditions:</b>				

### 3.3 Continue Game

Table 6: Test Case # 3.3

Test Case #:	3.3	Test Case Name:	Continue Game	
System:	GuessWho!	Subsystem:	Patient Dashboard	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The patient continues playing the game after a right or wrong choice.			
Pre-conditions:	<ul style="list-style-type: none"><li>• The user must have logged in successfully.</li><li>• The user must have played at least one round of the game.</li></ul>			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User chooses the “Next Image” button from the correct-guess page or the wrong-guess page.	The website launches a webpage displaying an image and two names for the next round of the game.	Pass	
Post-conditions: The user’s score increase by one point.				

### 3.4 View Past Scores

Table 7: Test Case # 3.4

Test Case #:	3.4	Test Case Name:	View Past Scores	
System:	GuessWho!	Subsystem:	Patient Dashboard	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The patient views his past scores			
Pre-conditions:	● The user must have successfully logged in to the website.			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User clicks the past score button in the Patient Menu	A webpage is launched viewing a graph with the details of all the scores of the user in the past twelve months.	Pass	
Post-conditions:	The patient's history is displayed in a graphical manner.			

## 4 Caregiver Dashboard

### 4.1 View Image Gallery

Table 8: Test Case # 4.1

Test Case #:	4.1	Test Case Name:	View Image Gallery	
System:	GuessWho!	Subsystem:	Caregiver Dashboard	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The caregiver views the patient’s relatives and friends image gallery.			
Pre-conditions:	● The user must log in successfully to the caregiver dashboard.			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User chooses a patient from the list of	The website displays the image gallery of patient’s	Pass	

	patients in the drop-down list.	relatives and friends.		
2	User chooses another patient from the list of patients.	The website displays the image gallery of another patient's relatives and friends.	Pass	
<b>Post-conditions:</b>		The patient's relatives and friends are displayed in a grid view image gallery.		

## 4.2 Upload New Photos

Table 9: Test Case # 4.2

Test Case #:	4.2	Test Case Name:	Upload New Photos	
System:	GuessWho!	Subsystem:	Caregiver Dashboard	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The caregiver upload new photos of the patient’s relatives and friends.			
Pre-conditions:	● The user must log in successfully to the caregiver dashboard.			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User chooses a patient from the list of patients in the drop-down list, select the image and enter the name of the person.	The placeholders on the form are replaced with the user’s entries.	Pass	
2	User clicks the “Upload” button	The website launches a successful popup notifying the user of photo successfully uploaded.	Pass	
Post-conditions:		The photo of the patient’s relatives and friends are uploaded.		



### 4.3 View Patient History

Table 10: Test Case # 4.3

Test Case #:	4.3	Test Case Name:	View Patient History	
System:	GuessWho!	Subsystem:	Caregiver Dashboard	
Designed by:	Heng Zhi Guang	Design Date:	05/11/2018	
Executed by:	Heng Zhi Guang	Execution Date:	05/11/2018	
Short Description:	The caregiver views the patient’s past scores.			
Pre-conditions:	● The user must log in successfully to the caregiver dashboard.			
Step	Action	Expected System Response	Pass/Fail	Comment
1	User chooses a patient from the list of patients in the drop-down list.	The website displays a graph of the patient’s history in the past 6 months.	Pass	
2	User chooses another patient from the list of patients.	The website displays the graph of the second patient without refreshing the site.	Pass	
Post-conditions:	The patient’s history is displayed in a graphical manner.			