

# CHESS GAME

**Test Purpose:** To validate the functionality of the [Sign-up feature](#) and [login process](#) and the [play feature](#) and [payment feature](#).

**Test Description:** We will conduct a series of functional tests on the registration page, including smoke, functionality, integration tests ,GUI, compatibility, and negative (Error Handling) tests.

Test Run Information:

Tester Name: Jaber Tsaker

Date of Test:

28/1/2024

Prerequisites for this test:

Internet Access for online play, download through google play or app store, mobile or any smart platform with android support

Account for Chess App -

Email - sakerjaber@gmail.com

Password - \*\*\*\*\*

Software Versions:--

Application: Chess Game

Browser: Google Chrome.

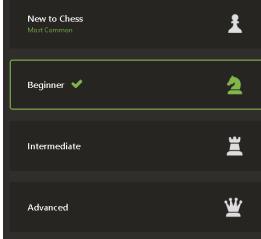
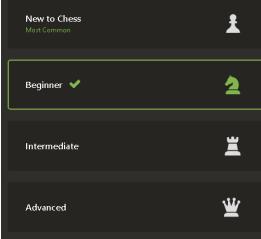
Operating System: android 12fafasiS

Required Configuration: browser setup , internet , Iphone 14 or higher , IOS 17.1.2 version or higher

## NOTES and RESULTS:

The tests conducted have yielded successful results, affirming that the feature operates as intended. Additionally, the feature provides a user-friendly and comfortable experience

## Smoke Test - Sign up

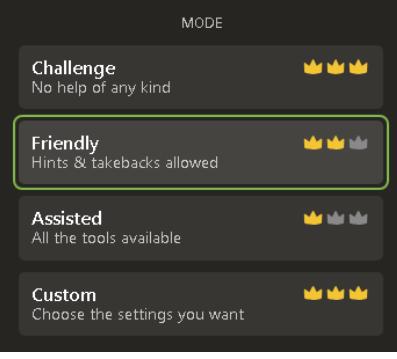
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PAF/A
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Chess game will be opened	Chess is opened	PASS
3	In username section type Jaberski	<ul style="list-style-type: none"> <li>• Username will be writing</li> <li>• an indicator for the validity of username will be checked in green </li> </ul>	<ul style="list-style-type: none"> <li>• Username is displayed</li> <li>• an indicator for the validity of username will be checked in green </li> </ul>	PASS
4	In the email section fill in jaberski@hotmail.com	<ul style="list-style-type: none"> <li>• The email will be displayed</li> <li>• Check mark is displayed </li> </ul>	<ul style="list-style-type: none"> <li>• The email is displayed</li> <li>• Check mark is displayed </li> </ul>	PASS
5	Write a valid password 1234ddaF	Password will be masked	Password is masked	PASS
6	Select your skill level Beginner	The beginner selection will be checked	 	PASS

7	Finally click on 	Account will be created	Account is created successfully	PASS
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Smoke Test - LOGIN				
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Fill in a registered Email address <a href="mailto:jaberTsaker@gmail.com">jaberTsaker@gmail.com</a>	An email address will be entered	An email address has been entered	PASS
5	Type password 3061jaber	Password will be entered	The password is input	PASS
6	Click on 	*User will be logged in  *User will be directed to the main section of the app	*User logged in successfully  * User directed to the main section of the app	PASS

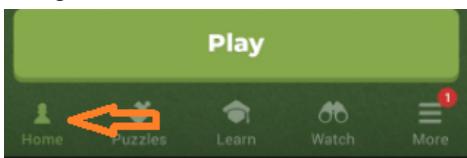
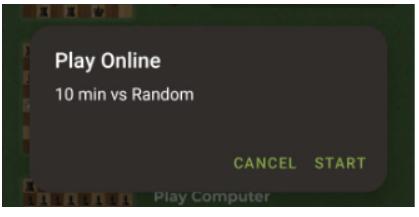
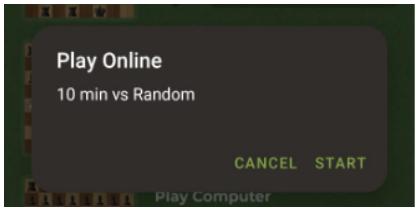
### Smoke Test -Online- play against computer

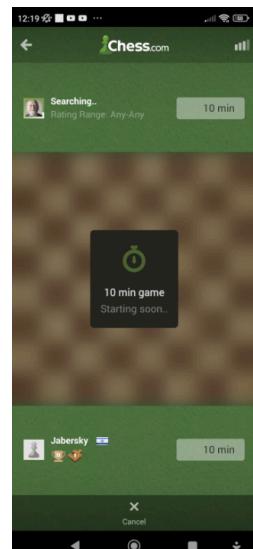
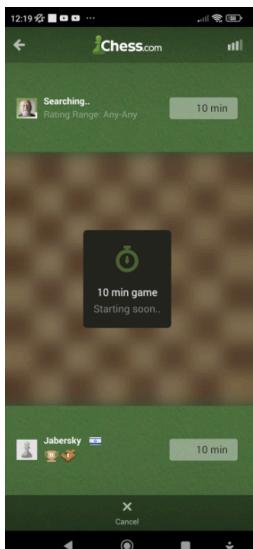
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS
3.	Click on 	The play menu should be opened 	The play menu opened 	PASS
4.	Select to play against computer 	An avatar Selection will be displayed 	An avatar selection is displayed 	PASS

5.	Click on 	Preferable play style selection should be displayed BLACK or WHITE or Random  	Preferable play style selection is displayed BLACK or WHITE or Random  	PASS
6.	Set the difficulty to friendly and hit play  	The chess game with friendly difficulty should start	The chess game with friendly difficulty started	PASS

### Smoke Test - Online- play against a player

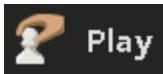
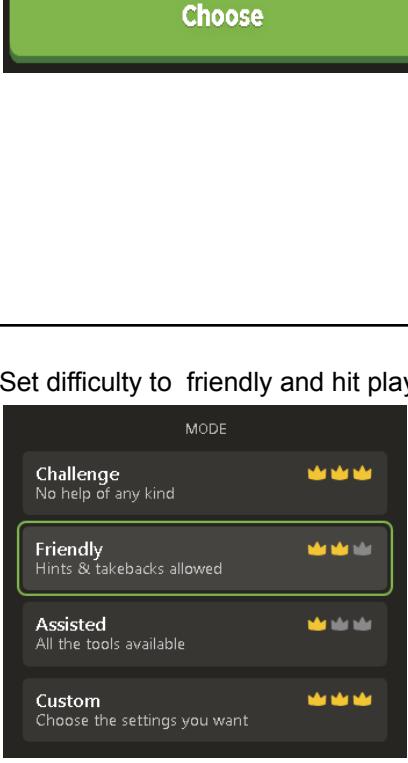
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS

4.	<p>Navigate to the home button</p> 	<ul style="list-style-type: none"> <li>*The home menu will be displayed</li> <li>*A green play button is displayed as well</li> <li>*All the play features are displayed</li> </ul> 	<ul style="list-style-type: none"> <li>*The home menu will be displayed</li> <li>*A green play button is displayed as well</li> <li>*All play features are displayed</li> </ul> 	PASS
5	<p>Click on</p> 	<p>A notification will appear.</p> 	<p>A notification appeared</p> 	PASS

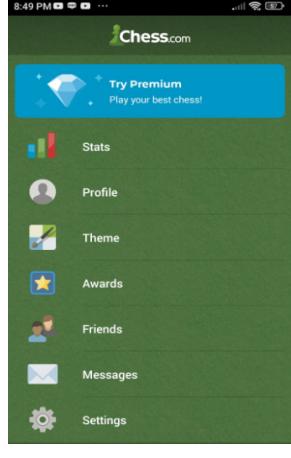
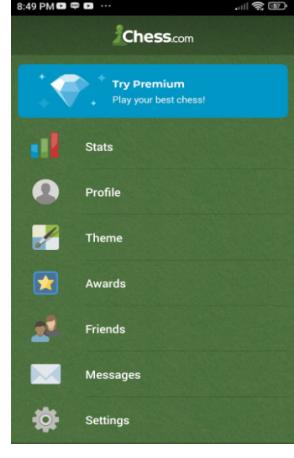
6	<p>Click Start</p> 	<p>*The search engine will initiate a search for a random game.</p> <p>*The game will start</p> 	<p>*The search engine initiates a search for a random game.</p> <p>*The game will start</p> 	PASS
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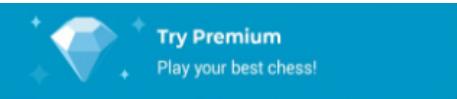
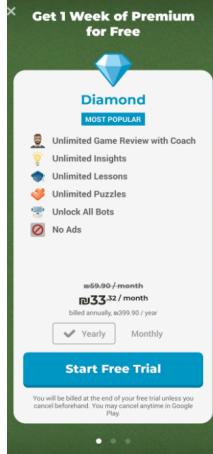
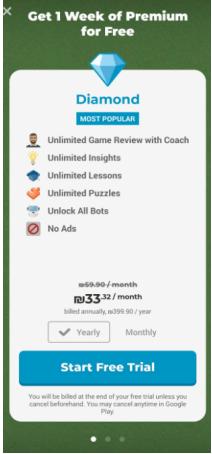
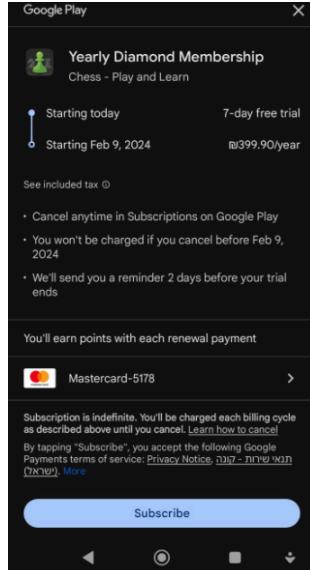
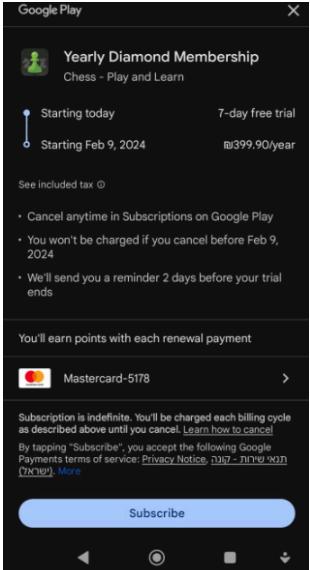
### Smoke Test - Offline play against computer.

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

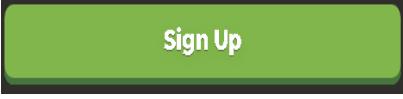
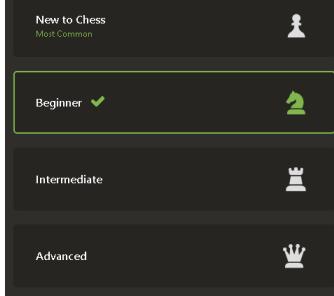
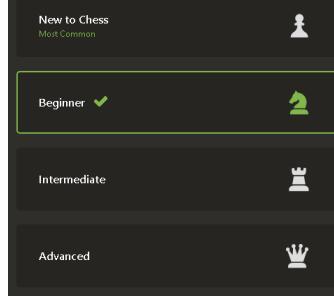
3.	Click on 	The play menu should be opened 	The play menu opened 	PASS
4	Click play against computer	An avatar Selection displayed 	An avatar selection displayed 	PASS
5	Select an avatar and hit <b>Choose</b>	Preferable play style selection should be displayed /BLACK WHITE or Random 	Preferable play style selection is displayed /BLACK WHITE or Random 	PASS
	Set difficulty to friendly and hit play 	The chess game with friendly difficulty will initiate	The chess game with friendly difficulty initiated	PASS

## SmokeTest- Chess Store Packs (Payment)

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" menu list  	We are redirected to the "More" menu list  	PASS

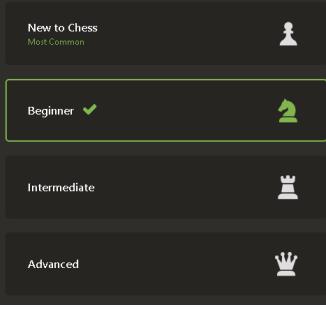
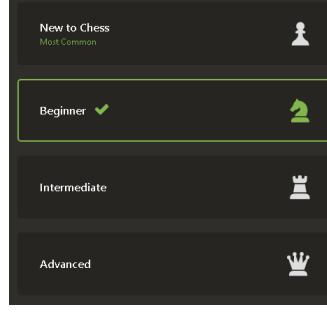
			PASS
5	<p>Click on</p> 	<p>The Chess Membership Packs store will be open</p> 	<p>The Chess Membership Packs store is open</p> 
6	<p>Click on Start Free trial</p>	<p>A windows for google play payment method will be open</p> 	<p>A windows for google play payment method opened</p> 

Negative Test - Sign up/ Invalid Email

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to Skill selection page 	We are navigated to Skill selection page 	PASS
45	Fill non existed email in the system <a href="mailto:ASD@.com">ASD@.com</a> and hit (no password) 	<ul style="list-style-type: none"> <li>A red-colored message notification indicator should appear, indicating that <b>the entered email format is not valid</b></li> <li>A red-colored message notification should prompt you to enter a password in order to proceed</li> </ul>	<ul style="list-style-type: none"> <li>A red-colored message notification indicator appeared, indicating that <b>the entered email format is not valid</b></li> <li>A red-colored message notification prompted you to enter a password in order to proceed</li> </ul>	PASS

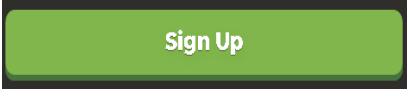
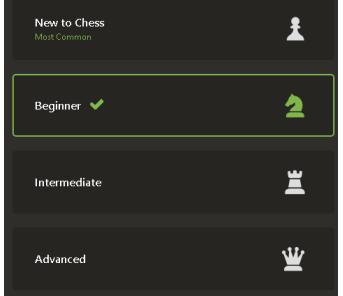
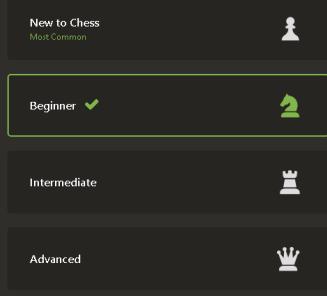
#### Negative Test - Sign up/Empty Email a valid password

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
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1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to Skill selection page 	We are navigated to Skill selection page 	PASS
4	Leave email section empty	The email section left empty	The email section left empty	PASS
5	Type a valid password Ssssss67 and hit 	<ul style="list-style-type: none"> <li>A red-colored message notification indicator should appear, indicating that <b>the entered email format is not valid</b></li> </ul>	<ul style="list-style-type: none"> <li>A red-colored message notification indicator appeared, indicating that <b>the entered email format is not valid</b></li> </ul>	PASS

#### Negative Test - Sign up / Invalid email and password

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS

2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to  	We should be navigated to Skill selection page  	We are navigated to Skill selection page  	PASS
4	Fill in invalid email <a href="mailto:@gmail.com">email@<u>gmail.com</u></a> only and hit  	<ul style="list-style-type: none"> <li>A red-colored message notification indicator should appear, indicating that <b>the entered email format is not valid</b></li> <li>A red-colored message notification should prompt you to enter a password in order to proceed</li> </ul>	<ul style="list-style-type: none"> <li>A red-colored message notification indicator appeared, indicating that <b>the entered email format is not valid</b></li> <li>A red-colored message notification prompted you to enter a password in order to proceed</li> </ul>	PASS
5	Fill invalid password asdadasd12 and hit  	<ul style="list-style-type: none"> <li>A red-colored message should appear with a notification <b>Password should have at least 8 characters, one capital letter, one number</b></li> </ul>	<ul style="list-style-type: none"> <li>A red-colored message appeared with a notification <b>Password should have at least 8 characters, one capital letter, one number</b></li> </ul>	PASS
6	Fill invalid password with symbols \$dsddda% and hit  	<ul style="list-style-type: none"> <li>A red-colored message should appear with a notification <b>Password should have at least 8 characters, one capital letter, one number</b></li> </ul>	<ul style="list-style-type: none"> <li>A red-colored message appeared with a notification <b>Password should have at least 8 characters, one capital letter, one number</b></li> </ul>	PASS

### Negative Test - Sign Up To an already used email

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to <b>Log In</b>	We should be navigated to the login section	We are navigated to the login section	PASS
4	Fill in the email section <a href="mailto:jabertTsaker@gmail.com">jabertTsaker@gmail.com</a> then click continue	*Email will be entered  *We will be directed to password section	*Email entered  *We are directed to password section	PASS
5	Fill in a valid password 1df23gH then click continue	*Password will be entered  *we will be directed to user name creation	*Password entered  *we are directed to user name creation	PASS

6	Type Username Jaberski1 then click on Create account	<p>*Maximum characters will be limited to 25</p> <p>*we will be directed to email section</p> <p>*A red color notification indicating that <b>email already taken</b></p>	<p>*Maximum characters will be limited to 25</p> <p>*we will be directed to email section</p> <p>*A red color notification indicating that <b>email already taken</b></p>	PASS
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#### Functionality test - Sign Up / Terms Of Service

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to <b>Log In</b>	We should be navigated to the login section	We are navigated to the login section	PASS
4	Fill in the email section <a href="mailto:jabertTsaker@gmail.com">jabertTsaker@gmail.com</a> then click continue	<p>*Email will be entered</p> <p>*We will be directed to password section</p>	<p>*Email entered</p> <p>*We are directed to password section</p>	PASS

5	Fill in a valid password 1df23gH then click continue	*Password will be entered  *we will be directed to user name creation	*Password entered  *we are directed to user name creation	PASS
6	Click on terms of service	The app will redirect us to the Chess website's Terms of Service page	The app redirected us to the Chess website terms of service page	PASS

#### Negative Test - LOG IN

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to <b>Log In</b>	We should be navigated to the login section	We are navigated to the login section	PASS
4	Leave all blanks empty and hit LOGIN	A red notification will appear, indicating that <b>all fields are required to be filled</b>	A red notification appeared, indicating that <b>all fields are required to be filled</b>	PASS

#### Negative Test - LOGIN / no email

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Leave Email/NAME section empty	Email/NAME section are empty	Email/NAME section are empty	PASS
5	Type a password SDAdf234\$	The password will be filled in the password section	The password is filled in the password section	PASS
6	Select 	A red-colored notification will appear indicating, that the email section <b>cannot left empty</b>	A red-colored notification appeared signaling that email section <b>cannot left empty</b>	PASS

#### Security Test - LOGIN Repeating Invalid Password / Lock

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

3.	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4.	Enter a valid Email	Email/NAME section will be filled	Email/NAME section are filled	PASS
5.	Type an invalid password SDAdf234\$	The password will be filled in the password section	The password is filled in the password section	PASS
6.	Select 	A red-colored notification will appear indicating, <b>incorrect password</b>	A red-colored notification appeared signaling <b>incorrect password</b>	PASS
7.	Repeat step 5 & 6 keep filling an invalid password and hit log in	<ul style="list-style-type: none"> <li>* Step 5 and 6 will be repeated</li> <li>* After 8 password tries the account will be locked for 10 min</li> </ul>	<ul style="list-style-type: none"> <li>* Step 5 and 6 will be repeated</li> <li>* After 8 password tries the account is locked for 10 min</li> </ul>	PASS

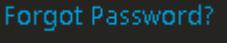
#### Negative Test - LOGIN/CAPTCHA Code No Email

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA

1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Leave Email/NAME section empty	Email/NAME section are empty	Email/NAME section are empty	PASS
5	Type a password SDAdf234\$	The password will be filled in the password section	The password is filled in the password section	PASS
6	Fill in CAPTCHA code 	CAPTCHA code will be filled in CAPTCHA section	CAPTCHA code is filled in CAPTCHA section	PASS
7	Select 	A red-colored notification will appear, indicating that <b>all fields are required to be filled</b>	A red-colored notification appeared, indicating that <b>all fields are required to be filled</b>	PASS

#### Functionality Test - LOGIN / Forgot Password Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA

1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Click on 	You should be directed to the 'Forgot Password' section in the chess website	You directed to the 'Forgot Password' section in the chess website	PASS
5	Fill in Username / Email Jabersaker@gmail.com	A valid email address will be listed	A valid email address is listed	PASS
6	Enter text Captcha "Zeus4"	The CAPTCHA will be entered	The CAPTCHA text is entered	PASS
7	Click submit	A notification indicating that password reset option will be sent to your email	A notification for password reset option is sent to my email successfully	PASS

#### Negative Test - LOGIN/Forgot Password Feature/Email

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Click on 	You should be directed to the 'Forgot Password' section in the chess website	You directed to the 'Forgot Password' section in the chess website	PASS
5	Enter an invalid email address ffadasd2	A red color notification indicating <b>There are no users with the username or email address you specified. Please try again</b>	A red color notification indicating <b>There are no users with the username or email address you specified. Please try again</b>	PASS
6	Fill in a valid Captcha code	Code will be filled	Code is filled	PASS
7	Click 	Submission will not be granted	Submission is not granted	PASS

#### Negative Test - LOGIN/Forgot Password/Captcha Code

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS

4	Click on 	You should be directed to the 'Forgot Password' section	You directed to the 'Forgot Password' section successfully	PASS
5	Please provide a valid email address jaberTsaker@gmail.com	Email will be filled in email section	Email is filled in email section	PASS
6	Fill in an invalid Captcha	A red color notification indicating <b>Code does not match</b>	A red color notification indicating <b>Code does not match</b>	PASS
7	Click 	Submission will not be granted	Submission will not be granted	PASS

### Integration Test - LOGIN/Via google

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS

4	Select <a href="mailto:jabersaker@gmail.com">jabersaker@gmail.com</a>   Log in with Google	We should be able to login via google account	We have successfully logged in via the Google account	PASS
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#### Integration Test - LOGIN/Via apple

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Select <a href="mailto:jabersaker@gmail.com">jabersaker@gmail.com</a>   Log in with Apple	We should be able to login via apple account	We have successfully logged in via the apple account	PASS

#### Integration Test - LOGIN/Via Facebook

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
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1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Chess game will be opened	Chess is opened	PASS
3	Navigate to 	We should be navigated to the login section	We are navigated to the login section	PASS
4	Select <a href="mailto:jabersaker@gmail.com">jabersaker@gmail.com</a>  	We should be able to login via apple account	We have successfully logged in via the apple account	PASS

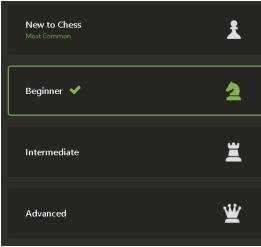
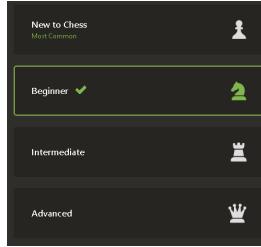
#### GUI TEST- Sign up / Password & Email conditions

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2	Click on the chess game icon from the mobile device	Ichess game will be opened	Chess is opened	PASS
3.	Navigate to the sign up tab	Sign up tab will be displayed	Sign up tab is displayed	PASS
4.	Fill in valid email Fandy@gmail.com	Email will be filled and checked with a green V	Email will be filled and checked with a green V	PASS

5.	Fill in a password according to the required conditions.asdddG4544	While writing the password, the conditions will be checked with a green V	Filling the password, the conditions are checked with a green V	PASS
6.	Scroll up and down to ensure alignment.	All GUI elements align perfectly, ensuring readability and optimal functionality	All GUI elements align perfectly, ensuring readability and optimal functionality	PASS

### Sanity compatibility - Sign up with Iphone

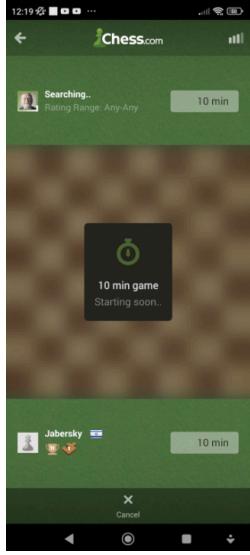
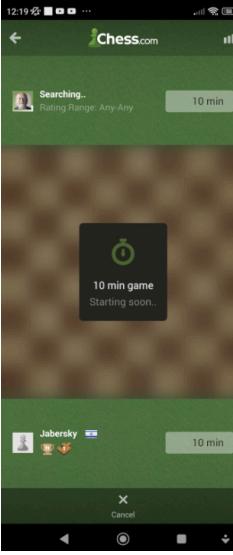
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to apple ISTORE and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Chess game will be opened	Chess is opened	PASS
3.	In username section type Jaberski	<ul style="list-style-type: none"> <li>• Username will be writing</li> <li>• an indicator for the validity of username will be checked in green </li> </ul>	<ul style="list-style-type: none"> <li>• Username is displayed</li> <li>• an indicator for the validity of username will be checked in green </li> </ul>	PASS
4.	In the email section fill in jaberski@hotmail.com	<ul style="list-style-type: none"> <li>• The email will be displayed</li> <li>• Check mark is displayed </li> </ul>	<ul style="list-style-type: none"> <li>• The email is displayed</li> <li>• Check mark is displayed </li> </ul>	PASS

5.	Write a valid password 1234ddaF	Password will be masked	Password is masked	PASS	
6.	Select your skill level to Beginner	The beginner selection will be checked			PASS
7.	Finally click on <b>Sign Up</b>	Account will be created	Account is created successfully	PASS	

#### Sanity compatibility - play a game with Iphone

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Apple Istore and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS

4.	<p>Navigate to the home button</p>	<p>*The home menu will be displayed</p> <p>*A green play button is displayed as well</p> <p>*All the play features are displayed</p>	<p>*The home menu will be displayed</p> <p>*A green play button is displayed as well</p> <p>*All play features are displayed</p>	PASS
5.	<p>Click on</p>	<p>A notification will appear.</p>	<p>A notification appeared.</p>	PASS

	<p>Click Start</p> 	<p>*The search engine will initiate a search for a random game.</p> <p>*The game will start</p> 	<p>*The search engine initiates a search for a random game.</p> <p>*The game will start</p> 	PASS
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## CHESS SOFTWARE

**Test Purpose:** Functionality of both online and offline play for the chess game is the main purpose.

**Test Description:** I will conduct smoke tests, sanity checks, GUI, and negative testing (error handling) tests.

Features that i will be testing:-

1. Play Feature/online and offline mode
2. Play Feature/puzzles Feature
3. Watch Feature
4. Learn Feature

Test Run Information:

Prerequisites for this test:

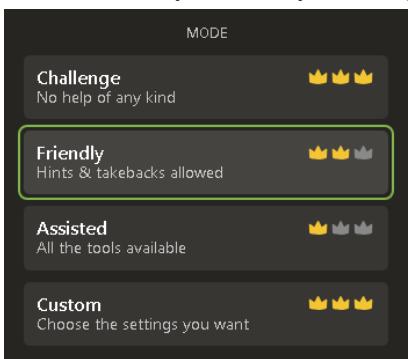
Internet access , a mobile or any platform with android support

<p><b>Tester Name:</b> Jaber Shaker</p> <p><b>Date of Test:</b></p> <p>25/1/2024</p>	<p>To access the chess game, please proceed with the account registration process</p> <p>Email - *****</p> <p>Password - *****</p>
	<p>Software Versions:--</p> <p>Application:</p> <p>Browser:</p> <p>Operating System: Android 654bffD</p>
<p>Required Configuration: Mobile or any platform with android support internet for online competition .</p>	
<p><b>NOTES and RESULTS</b></p> <p>The tests conducted have yielded successful results, affirming that some features operate as intended and some not.</p>	

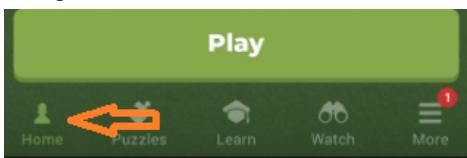
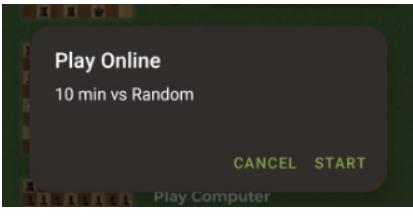
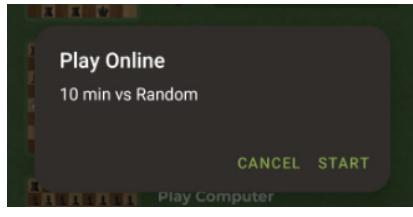
#### Smoke Test -Online- play against computer

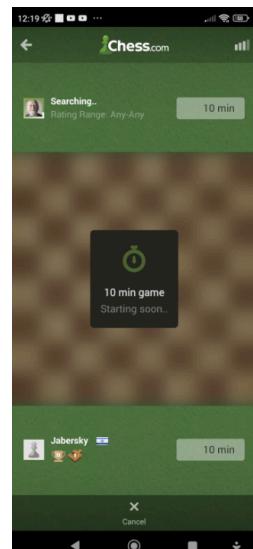
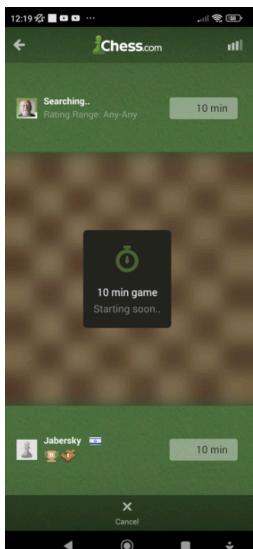
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS
3.	Click on 	The play menu should be opened 	The play menu opened 	PASS
4.	Select to play against computer 	An avatar Selection displayed 	An avatar selection displayed 	PASS
5.	Click on 	Preferable play style selection should be displayed /BLACK WHITE or Random 	Preferable play style selection is displayed /BLACK WHITE or Random 	PASS

6.	<p>Set the difficulty to friendly and hit play</p> 	<p>The chess game with friendly difficulty should start</p>	<p>The chess game with friendly difficulty started</p>	PASS
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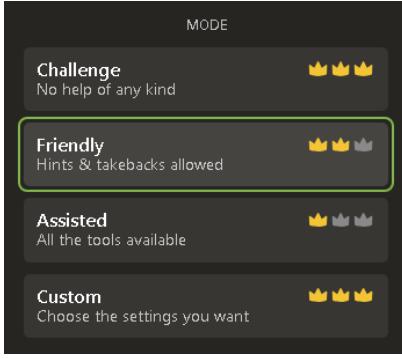
Smoke Test - Online- play against a player				
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS

4.	<p>Navigate to the home button</p> 	<ul style="list-style-type: none"> <li>*The home menu will be displayed</li> <li>*A green play button is displayed as well</li> <li>*All the play features are displayed</li> </ul> 	<ul style="list-style-type: none"> <li>*The home menu will be displayed</li> <li>*A green play button is displayed as well</li> <li>*All play features are displayed</li> </ul> 	PASS
5	<p>Click on</p> 	<p>A notification will appear.</p> 	<p>A notification appeared</p> 	PASS

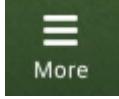
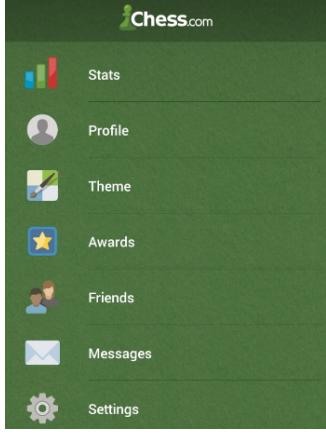
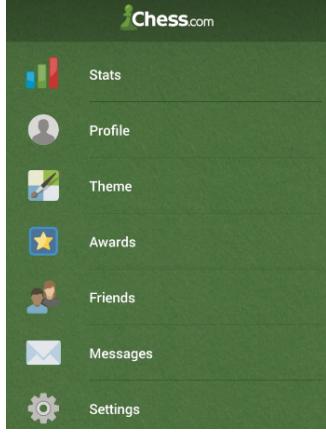
6	<p>Click Start</p> 	<p>*The search engine will initiate a search for a random game.</p> <p>*The game will start</p> 	<p>*The search engine initiates a search for a random game.</p> <p>*The game will start</p> 	PASS
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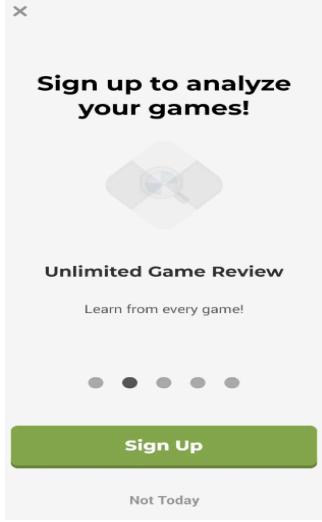
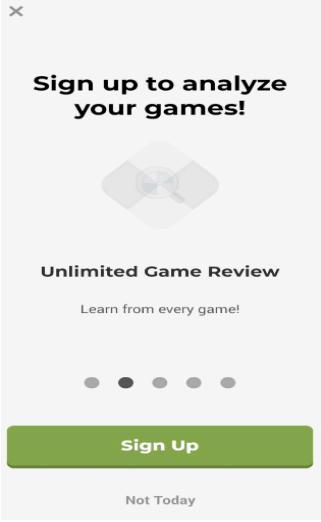
#### Smoke Test - Offline play against computer.

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

3.	Click on 	The play menu should be opened 	The play menu opened 	PASS
4	Click play against computer	An avatar Selection displayed 	An avatar selection displayed 	PASS
5	Select an avatar and hit <b>Choose</b>	Preferable play style selection should be displayed /BLACK WHITE or Random 	Preferable play style selection is displayed /BLACK WHITE or Random 	PASS
	Set difficulty to friendly and hit play 	The chess game with friendly difficulty will initiate	The chess game with friendly difficulty initiated	PASS

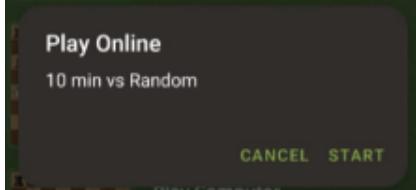
#### Negative Test - Guest to/ Registered Content

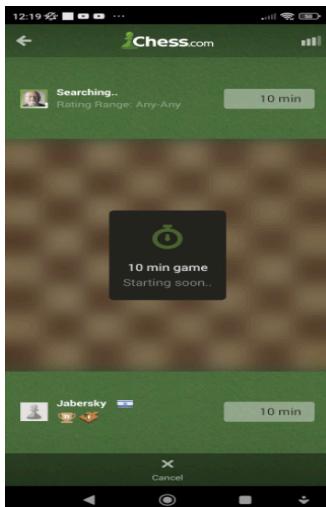
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app CHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	I chess game will be opened	I chess is opened	PASS
3	Login as a guest	I will able to log as a guest	I was able to log as a guest	PASS
4	Select 	The main menu will open 	The main menu opened 	PASS

5	<p>Go to Awards</p> 	<p>A message will be displayed, prompting us to sign up to access the content</p> 	<p>A message is displayed, prompting us to sign up to access the content</p> 	PASS
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#### Negative Test - offline- play against a player (Error Handling)

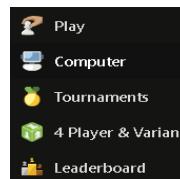
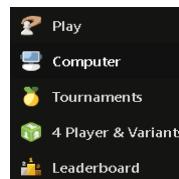
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Turn off internet access	Internet access is turned off	Internet access is turned off	PASS

2.	Click on the CHESS icon  	chess game will be opened	Chess game opened	PASS
3.	Click on the home button	<p>*The play feature menu will be displayed</p> <p>*A 'No connection, Enjoy offline mode' notification will be displayed</p>	<p>*The play feature menu is displayed</p> <p>*A 'No connection, Enjoy offline mode' notification is displayed</p>	PASS
3	Select play online	A notification will appear, instructing us to enable internet access for online play	<p>*A notification to start an online game has appeared</p> 	FAIL

4.	Click start	The game will not start	<p>The game is not initiating; instead, it is stuck in a continuous search loop for an online game.</p> 	FAIL
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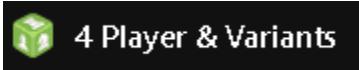
### Sanity Functionality Test - Play/Tournaments

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4.	Click on 	The play menu should be opened  	The play menu opened  	PASS
5.	Select tournaments  	<ul style="list-style-type: none"> <li>The tournaments page should be opened</li> <li>The tournaments page should display opened and closed tournaments details</li> </ul>	<ul style="list-style-type: none"> <li>The tournaments page should be opened</li> <li>The tournaments page should display opened and closed tournaments details</li> </ul>	PASS

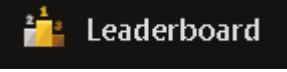
### Sanity Functionality Test- Play/4 player & variants

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	The Application will lunch to the main menu	The Application lunched to the main men	PASS

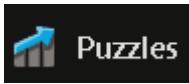
4.	Click on 	The play menu should be opened  	The play menu opened  	PASS
5.	Select 4 Players & Variants  	<ul style="list-style-type: none"> <li>The tournaments page should be opened</li> <li>The tournaments page should display opened and closed tournaments details</li> </ul>	<ul style="list-style-type: none"> <li>The tournaments page should be opened</li> <li>The tournaments page should display opened and closed tournaments details</li> </ul>	PASS
6.	CLICK on 4 players mode and click PLAY	Chess game with 4 player mode should be launched	Chess game with 4 player mode is launched	PASS

#### Sanity Functionality - Play/Leaderboard

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.successfully	The app is downloaded successfully	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS

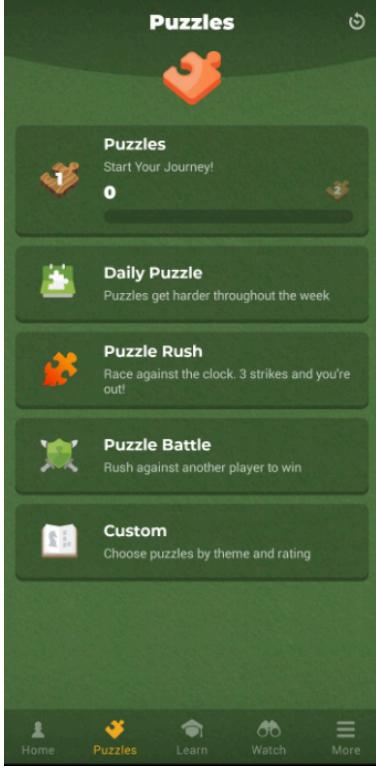
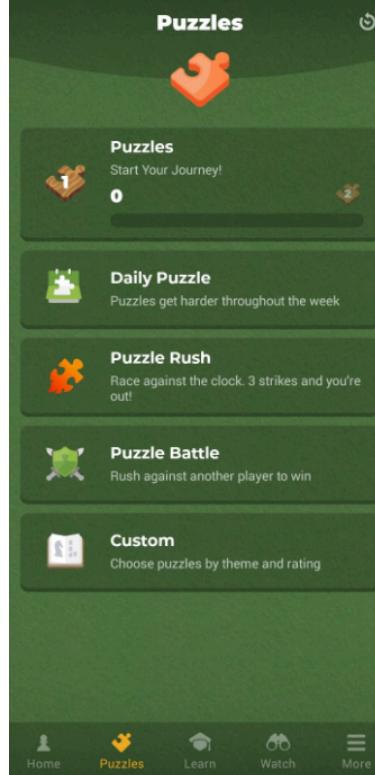
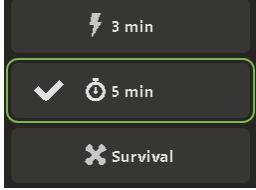
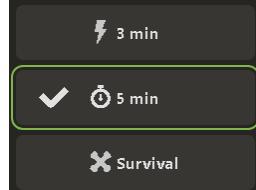
3.	Click on  	The play menu will be opened  	The play menu opened  	PASS
4.	Select <b>Leaderboard</b>  	The world leaderboard prominently showcases the information of top-ranking players, providing a comprehensive list of their achievements and standings	The world leaderboard prominently showcases the information of top-ranking players, providing a comprehensive list of their achievements and standings	PASS

### Sanity Functionality - Puzzles

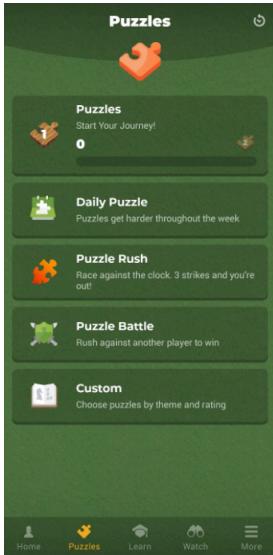
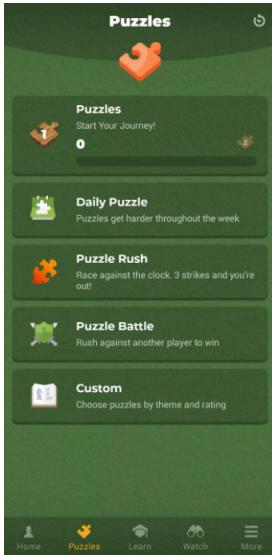
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.successfully	The app is downloaded successfully	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS
4	Click on  	A chess puzzle will start	A chess puzzle starting successfully	PASS

### Sanity Functionality - Puzzles/Puzzle Rush

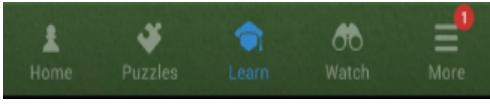
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS

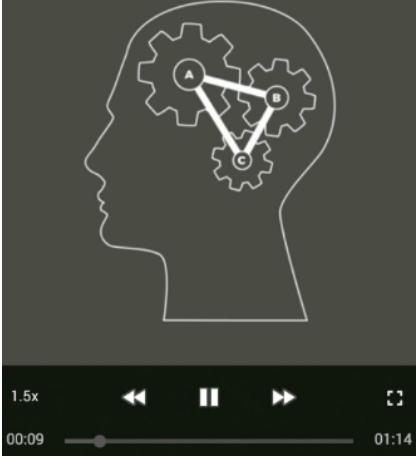
4	Navigate to puzzles	Puzzles menu will open 	Puzzles menu opened 	PASS
5	Click on puzzle Rush	Time selection will open 	Time selection opened 	PASS
6	Click on 5 min	The duration of 5 minutes has been selected and is highlighted in green	The duration of 5 minutes has been selected and is highlighted in green	PASS
7	Click on 	The puzzle game will start	The puzzle game started successfully	PASS

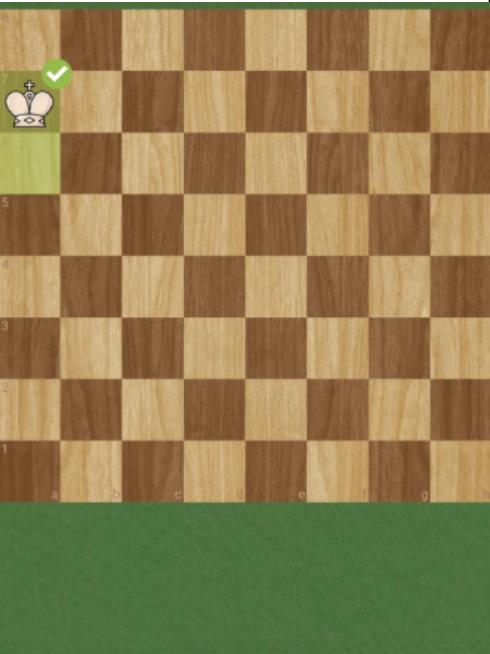
## Sanity Functionality - Puzzles / Daily Puzzle

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	The Application will launch to the main menu	The Application launched to the main men	PASS
4	Navigate to puzzles	Puzzles menu will open 	Puzzles menu opened 	PASS
5	Select Daily Puzzle	Daily puzzle will start	Daily puzzle started	PASS

## Sanity Functionality Test- Learn

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on learn 	A learn menu will open 	A learn menu opened 	PASS
5	Select Lessons	*A lesson menu will open *A search bar will be displayed	*A lesson menu opened *A search bar is displayed	PASS

6	<p>From all lesson select lesson the first lesson</p> 	<p>We will be directed to How to move the pieces</p>	<p>We are directed to How to move the pieces</p>	PASS
7	<p>Click on start</p> <p><b>How to Move the Pieces</b></p>  <p>Chess.com Team</p> <p>Get to know the chess pieces and how to set up the board.</p> <p><b>Start</b></p>	<ul style="list-style-type: none"> <li>* An instruction video will start</li> <li>* A 'Start Challenge' prompt is displayed</li> </ul> 	<ul style="list-style-type: none"> <li>* An instruction video started</li> <li>* A 'Start Challenge' prompt is displayed</li> </ul> 	PASS
8	Select Start Challenge	Challenge will start	Challenge started	PASS

9	<p>Move the king one step up like instructor asked</p>  <p><b>a7 is correct!</b> Excellent! The king climbs up the board and is now touching the top left corner square.</p>	<p>The move will be checked in <b>Green</b> indicating a correct move</p> <p>An explanatory message will appear</p> <p>A 'Continue to Next Challenge' button will appear</p> 	<p>The move is checked in <b>Green</b> indicating a correct move</p> <p>An explanatory message has appeared</p> <p>A 'Continue to Next Challenge' button appeared</p> 	PASS
10	<p>Select continue</p> 	<p>We will be directed to the next challenge</p>	<p>We've been directed to the next challenge successfully</p>	PASS

### Sanity Functionality Test- Learn/Search Bar

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A

1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on learn 	A learn menu will open 	A learn menu opened 	PASS
5	Select Lessons	* The lesson menu will open  * A search bar will be displayed	* The lesson menu opened  * A search bar is displayed	PASS

6

In the search bar type opening and press search



Results related to opening lessons will be displayed



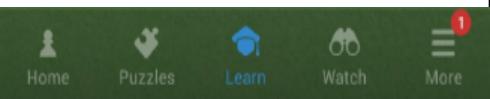
Results related to opening lessons are displayed

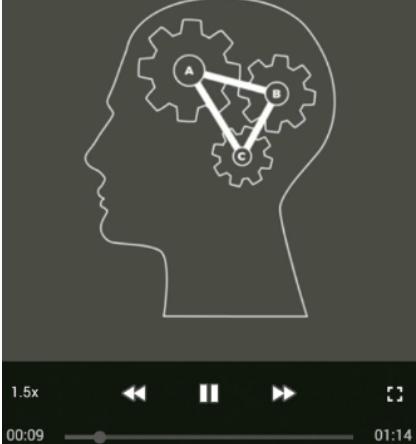
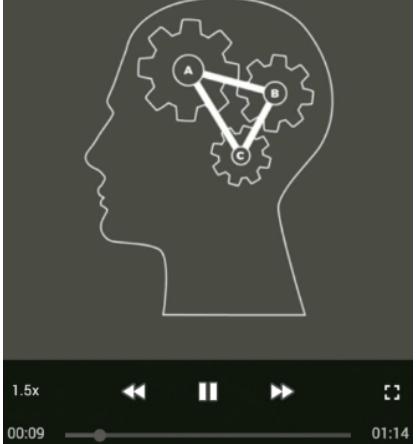
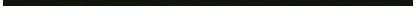


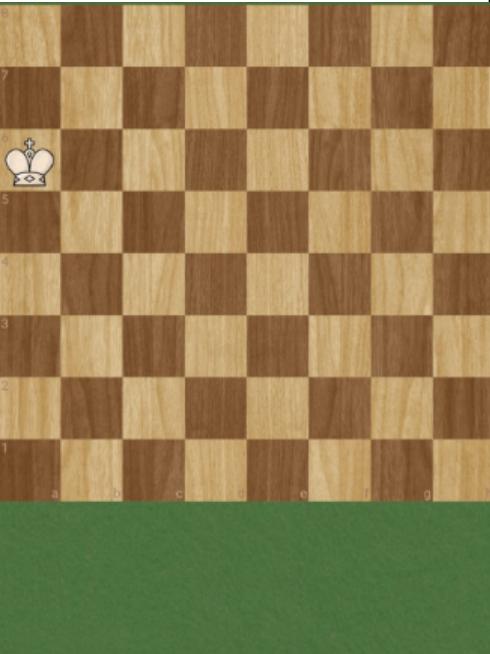
PASS

#### Functionality Test - Learn/Error handling

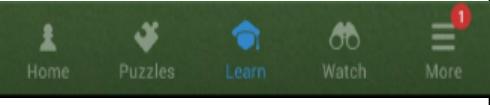
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

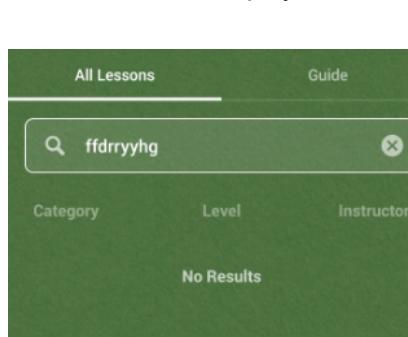
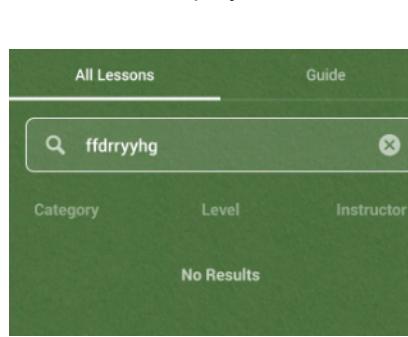
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on learn 	A learn menu will open 	A learn menu opened 	PASS
5	Select Lessons	A lesson menu will open	A lesson menu opened	PASS
6	From all lesson select lesson 	We will be directed to How to move the pieces	We are directed to How to move the pieces	PASS

7	<p>Click on start</p> <p><b>How to Move the Pieces</b></p>  <p>Chess.com Team</p> <p>Get to know the chess pieces and how to set up the board.</p> <p><b>Start</b></p>	<ul style="list-style-type: none"> <li>* An instruction video will start</li> <li>* A 'Start Challenge' prompt is displayed</li> </ul>  	<ul style="list-style-type: none"> <li>* An instruction video started</li> <li>* A 'Start Challenge' prompt is displayed</li> </ul>  	PASS
8	Select Start Challenge	Challenge will start	Challenge started	PASS

9	<p>Move the king one step to the right don't follow the instructor</p>  <p> White to Move</p> <p>Can you move the king straight up one square to get closer to the corner?</p> <p></p>	<p>The move will be checked in <b>Red</b> indicating an incorrect move</p> <p>An explanatory message will appear</p> <p>A 'Retry' button will appear</p>  <p> C ♕b6 is incorrect! Nice try, but this move brings the king away from the top of the board. Try again!</p> <p></p>	<p>The move is checked in <b>Red</b> indicating an incorrect move</p> <p>An explanatory message has appeared</p> <p>A 'Retry' button appeared</p>  <p> C ♕b6 is incorrect! Nice try, but this move brings the king away from the top of the board. Try again!</p> <p></p>	PASS
10	<p>Click on retry</p> 	<p>The challenge will restart</p>	<p>The challenge restarted successfully</p>	PASS

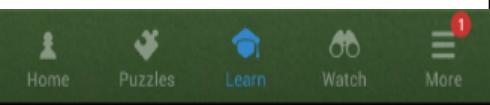
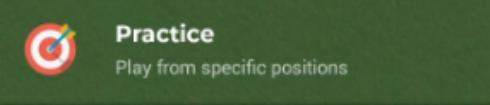
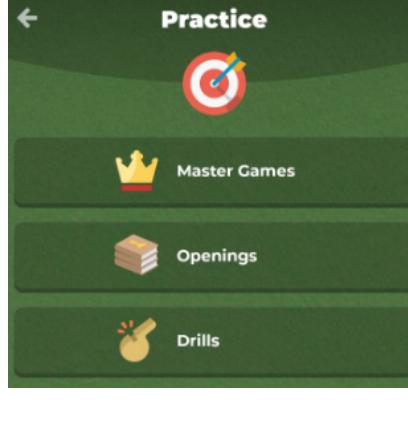
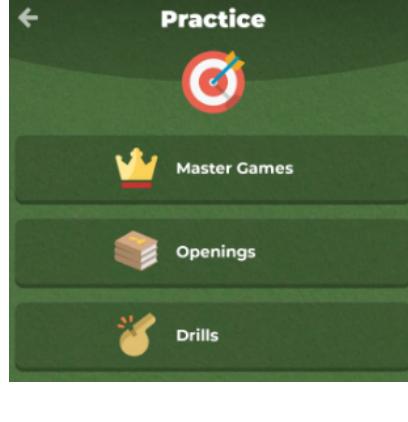
### Sanity Functionality Test- Learn/Error Handling/Search Bar

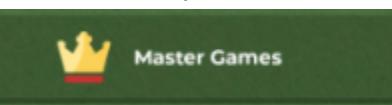
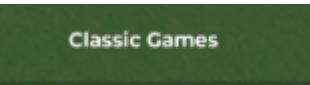
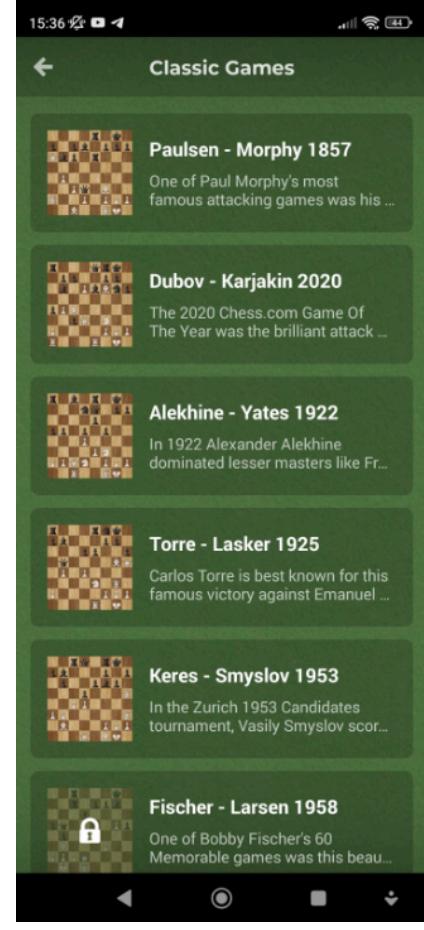
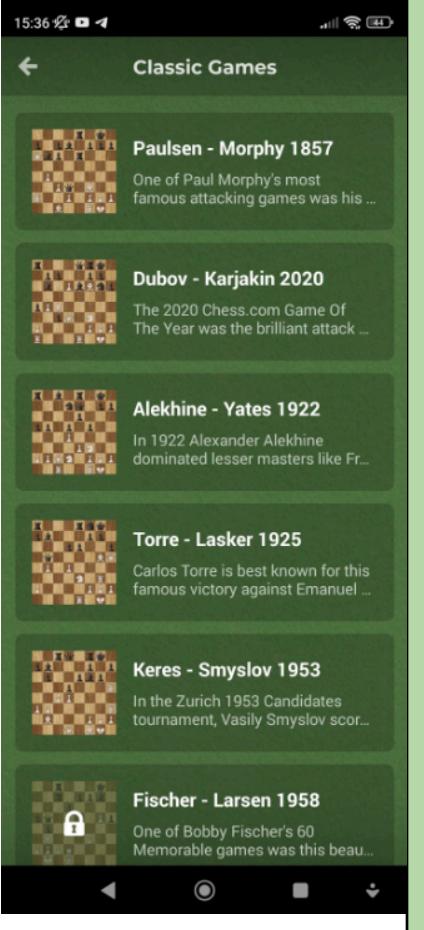
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on learn 	A learn menu will open 	A learn menu opened 	PASS
5	Select Lessons	A lesson menu will open	A lesson menu opened	PASS

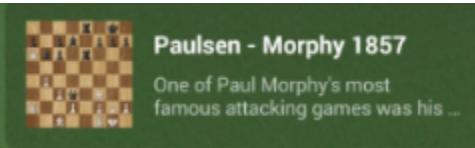
6	In the search bar type FDDFasd12\$	No results will be displayed	No results is displayed	PASS
				

### Sanity Functionality Test- Learn/ Practice Feature

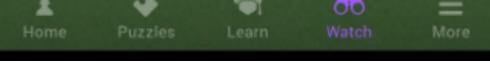
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4	Click on learn		A learn menu will open		A learn menu opened		PASS
5	Select Lessons		A lesson menu will open		A lesson menu opened		PASS
6	Choose from the Lesson menu		Practice menu will be displayed		Practice menu is displayed		PASS

7	Select from the practice menu 	A menu for master games will be displayed 	A menu for master games is displayed 
8	Choose from Master Games menu 	A menu featuring chess games of famous players will open 	A menu featuring chess games of famous opened 

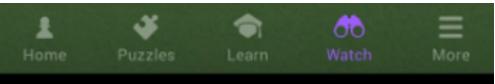
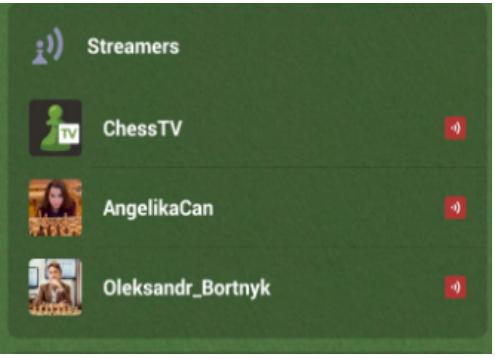
9	<p>Select From the Classic Games menu</p>  <p><b>Paulsen - Morphy 1857</b> One of Paul Morphy's most famous attacking games was his ...</p>	<p>Paulsen -morphy 1857 game is displayed</p> <p><b>Paulsen - Morphy 1857</b></p> <p>One of Paul Morphy's most famous attacking games was his sacrificial brilliancy against Louis Paulsen in 1857.</p>  <p>vs Maximum (3200)</p> <p>250 3200</p> <p><b>Play</b></p>	<p>Paulsen -morphy 1857 game is displayed</p> <p><b>Paulsen - Morphy 1857</b></p> <p>One of Paul Morphy's most famous attacking games was his sacrificial brilliancy against Louis Paulsen in 1857.</p>  <p>vs Maximum (3200)</p> <p>250 3200</p> <p><b>Play</b></p>	PASS
10	<p>Select difficulty to 3200 and hit play</p>	<p>The game will start</p> 	<p>The game started</p> 	PASS

### Sanity Functionality Test- Watch Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Navigate to watch Feature 	The watch menu will open	The watch menu opened	PASS

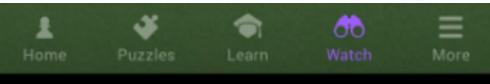
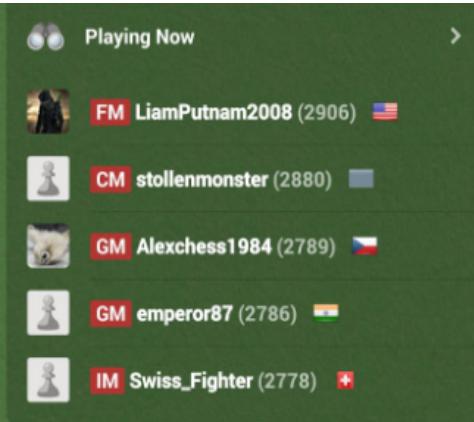
#### Integration Test- Watch /Streamers feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4	<p>Navigate to watch Feature</p> 	The watch menu will open	The watch menu opened	PASS
5	<p>Click on the second stream</p> 	The app will redirect us to the Twitch TV website, specifically to the streamer hosting the current stream	The app redirected us to the Twitch TV website, specifically to the streamer hosting the current stream	PASS

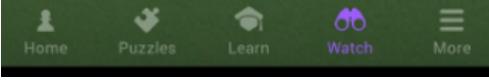
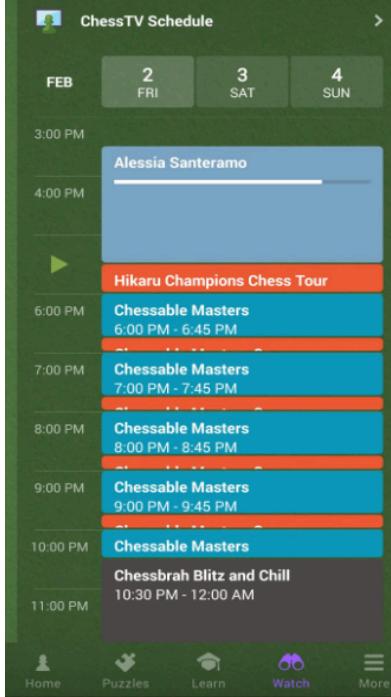
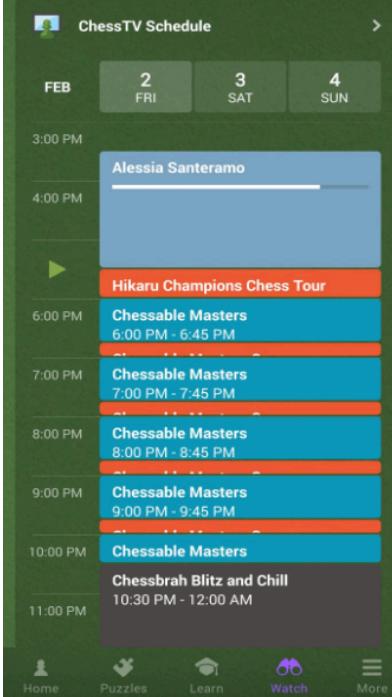
#### Functionality Test- Watch / playing now feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4	Navigate to watch Feature 	The watch menu will open	The watch menu opened	PASS
5	Scroll down to playing now and click On the first live game host LiamPutnam2008   	The corresponding live game will be displayed for viewing	The corresponding live game is displayed for viewing	PASS

#### Functionality Test- Watch / Chess TV Schedule Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
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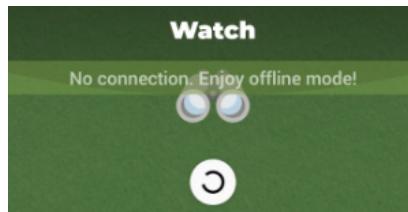
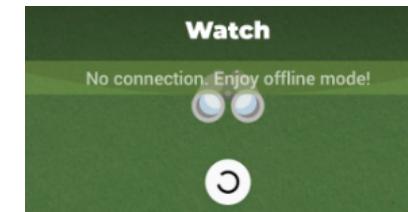
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Navigate to watch Feature 	The watch menu will open	The watch menu opened	PASS
5	Scroll down and click on Chess tv Schedule	Chess tv Schedule will be displayed	 	PASS

### Negative Test- Watch Feature / no internet (Error Handling)

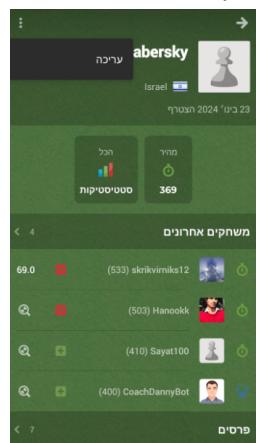
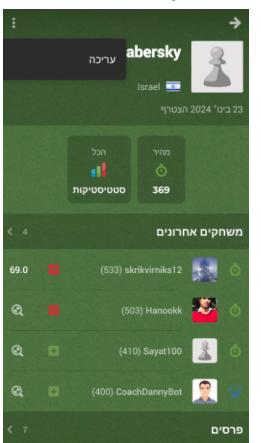
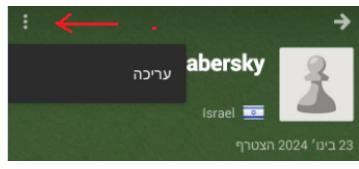
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS (offline mode)	Ichess game will be opened	Ichess is opened	PASS
3.	Navigate to watch feature 	A notification displaying 'No connection, enjoy offline mode!' is shown	A notification displaying 'No connection, enjoy offline mode!' is shown	PASS

### GUI Test- Watch Feature / No net access

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS (offline mode)	Ichess game will be opened	Ichess is opened	PASS
3.	Navigate to watch feature 	A notification displaying 'No connection, enjoy offline mode!' is shown	A notification displaying 'No connection, enjoy offline mode!' is shown	PASS

4.	In the watch feature (offline mode)	The no connection notification is overlapping the watch feature logo 	The no connection notification is overlapping the watch feature logo 	FAIL
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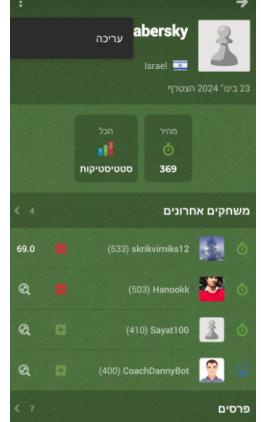
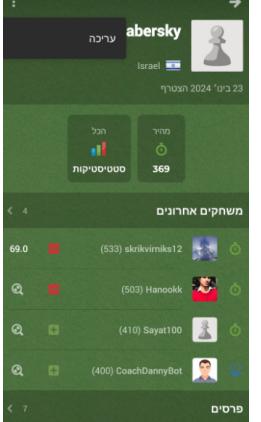
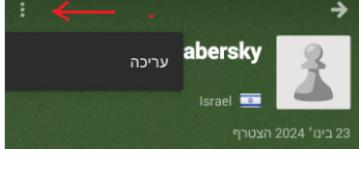
Localization Test- Chess App/English				
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4.	Go to Account profile 	Profile menu will open 	Profile menu opened 	PASS
5.	Click on 	The profile editing section will open 	The profile editing section opened 	PASS
6.	Choose the language option located at the bottom end	Language section will open 	Language section opened 	PASS

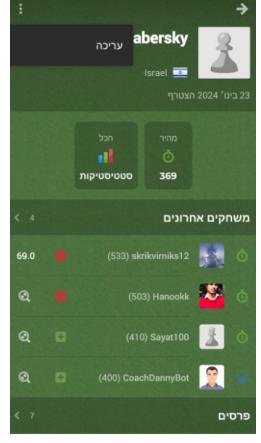
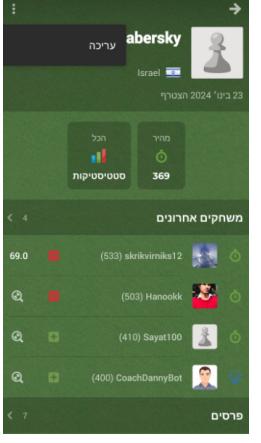
7.	Click on	The language list menu will open The language list menu opened 	The language list menu opened 	PASS
8.	Select English from the language menu	*The text and GUI direction will change from right-to-left  *The language will be changed from hebrew to english * The text direction changed from right-to-left  * The language will be changed from hebrew to english  <u>* The entire mobile system has been switched to the English language</u> 	* The text direction changed from right-to-left  * The language will be changed from hebrew to english  <u>* The entire mobile system has been switched to the English language</u>	FAIL

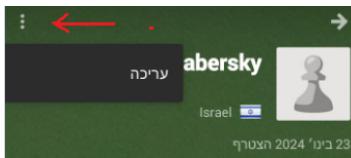
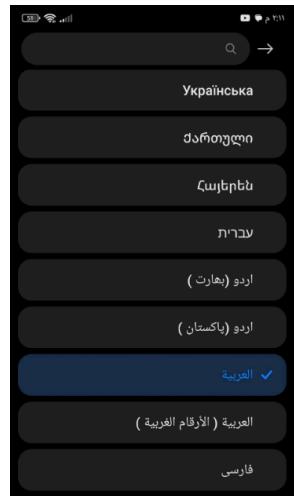
### Localization Test- Chess App/Espanol

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
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1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4.	Go to Account profile 	Profile menu will open 	Profile menu opened 	PASS
5.	Click on 	The profile editing section will open 	The profile editing section opened 	PASS

6.	Choose the language option located at the bottom end	<p>Language section will open</p>	<p>Language section opened</p>	PASS
7.	Click on	<p>The language list menu will open</p>	<p>The language list menu opened</p>	PASS
8.	Select Espanol from the language menu	<ul style="list-style-type: none"> <li>*The text and GUI direction will change from right-to-left</li> <li>*The language will be changed from hebrew to espanol</li> </ul>	<ul style="list-style-type: none"> <li>* The text direction changed from right-to-left</li> <li>* The language is changed from hebrew to espanol</li> <li><b><u>* The entire mobile system has been switched to the Spanish language</u></b></li> </ul>	FAIL

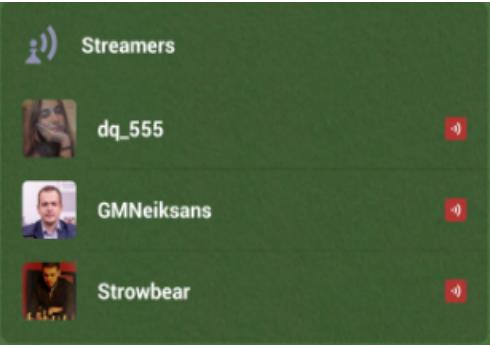
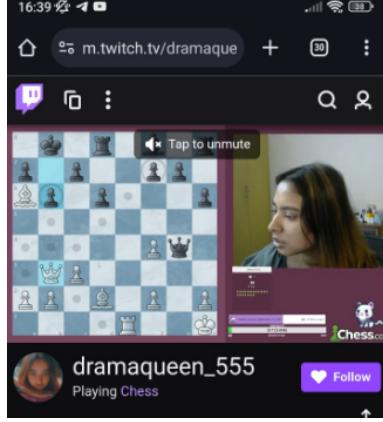
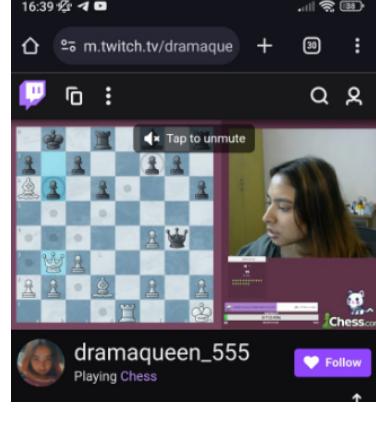
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4.	Go to Account profile 	Profile menu will open 	Profile menu opened 	PASS

5.	<p>Click on </p>	<p>The profile editing section will open</p> 	<p>The profile editing section opened</p> 	PASS
6.	<p>Choose the language option located at the bottom end</p>	<p>Language section will open</p> 	<p>Language section opened</p> 	PASS
7.	<p>Click on </p>	<p>The language list menu will open</p> 	<p>The language list menu opened</p> 	PASS

8.	Select Espanol from the language menu	<ul style="list-style-type: none"> <li>*The text and GUI direction will remain from right-to-left</li> <li>*The language will be changed from Hebrew to Arabic</li> </ul>	<ul style="list-style-type: none"> <li>* The text and GUI direction remain from right-to-left</li> <li>* The language is changed from Hebrew to Arabic</li> <li><b>* <u>The entire mobile system has been switched to the Arabic language</u></b></li> </ul>	FAIL
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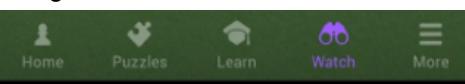
### Interface Test- Watch Feature / Twitch Stream

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Navigate to watch Feature 	The watch menu will open	The watch menu opened	PASS

5	Scroll down to streamers and select dq_555	A stream associated with the username 'dq_555' will open on the Twitch streaming platform	A stream associated with the username 'dq_555' opened on the Twitch streaming platform	PASS
				

#### Interface Test- Watch Feature/Facebook

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4.	Navigate to watch Feature	The watch menu will open	The watch menu opened	PASS



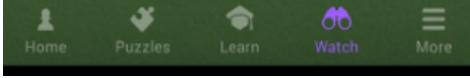
5.	Scroll to the bottom end click on 	The app will direct us to facebook chess page  	The directing us to facebook chess page  	PASS
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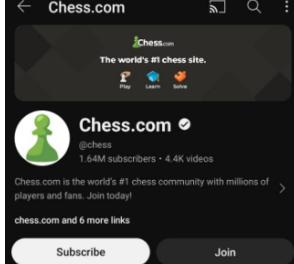
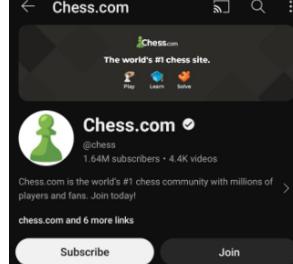
### Interface Test- Watch Feature /Twitter

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4.	Navigate to watch Feature  	The watch menu will open	The watch menu opened	PASS

5.	Scroll to the bottom end click on  546K	The app will direct us to twitter chess page 	The directed us to twitter chesspage 	PASS
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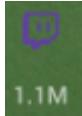
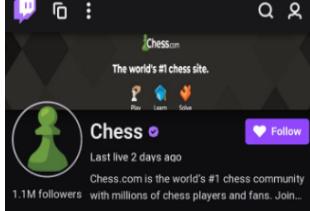
### Interface Test- Watch Feature / Youtube

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4.	Navigate to watch Feature 	The watch menu will open	The watch menu opened	PASS

5.	Scroll to the bottom end click on 	The app will direct us to youtube chess page 	The directed us to youtube chesspage 	PASS
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### Interface Test- Watch Feature / Twitch

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3.	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4.	Navigate to watch Feature 	The watch menu will open	The watch menu opened	PASS

5.	<p>Scroll to the bottom end click on </p>	<p>The app will direct us to youtube chess page</p> 	<p>The directed us to youtube chesspage</p> 	PASS
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## CHESS SOFTWARE

**Test Purpose:** To ensure the functionality of the main menu button and its associated features

**Test Description:** I will conduct functionality tests, sanity checks, GUI, and negative testing (error handling) tests.

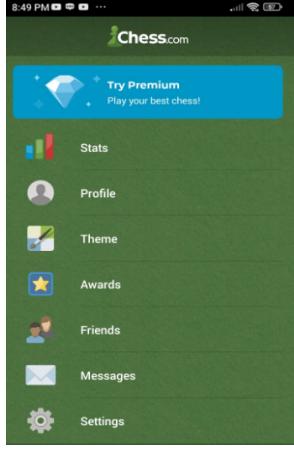
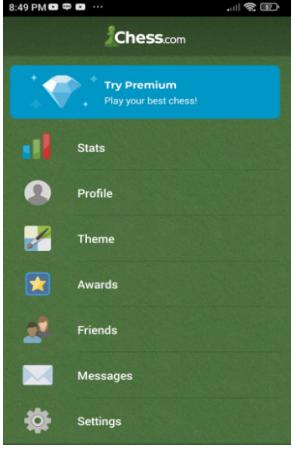
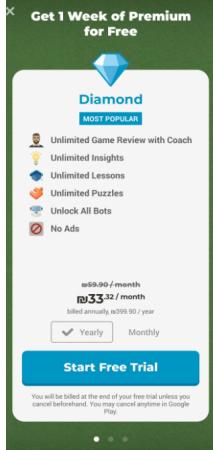
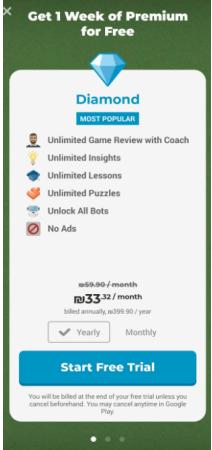
Features that i will be checking :-

- Stats
- profile
- Theme
- Awards
- Friends
- Messages
- Settings

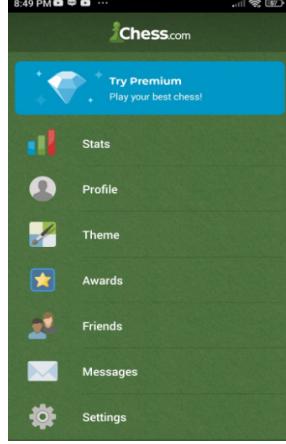
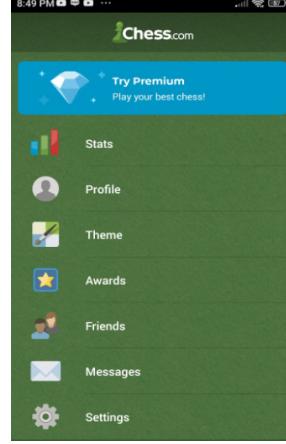
<p>Test Run Information:</p> <p><b>Tester Name:</b> Jaber Shaker</p> <p><b>Date of Test:</b></p> <p>25/1/2024</p>	<p>Prerequisites for this test:</p> <p>Good internet , mobile or any platform with android support</p> <p>To access the chess game, please proceed with the account registration process</p> <p>Email - *****</p> <p>Password - *****</p> <p>Software Versions:--</p> <p>Application:</p> <p>Browser:</p> <p>Operating System: Android 654bffD</p> <p>Required Configuration: Mobile or any platform with android support internet for online competition .</p>
<p><b>NOTES and RESULTS</b></p> <p>The tests conducted have yielded successful results, affirming that the feature operates as intended. Additionally, the feature provides a user-friendly and comfortable experience</p>	

#### Functionality Test- Main Menu (More Button)

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA

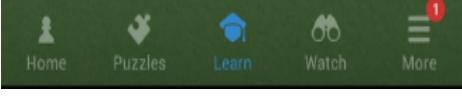
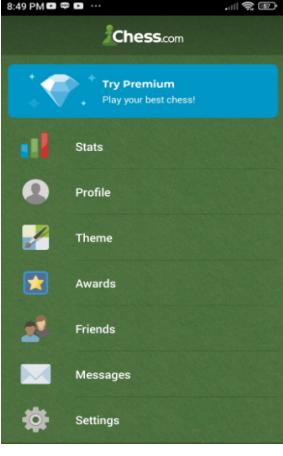
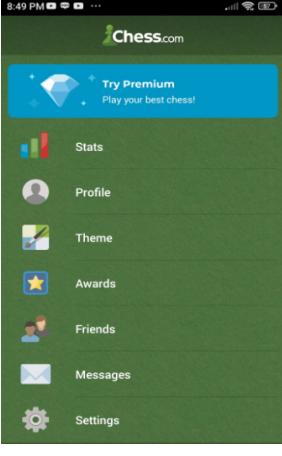
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list  	We are redirected to the "More" menu list  	PASS
5	Click on  	The Chess Membership Packs store will be open  	The Chess Membership Packs store is open  	PASS

### Integration Test- Chess Store Packs (Buy)

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" menu list  	We are redirected to the "More" menu list  	PASS

			PASS
5	Click on 	The Chess Membership Packs store will be open 	The Chess Membership Packs store is open 
6	Click on Start Free trial	A windows for google play payment method will be open 	A windows for google play payment method opened 

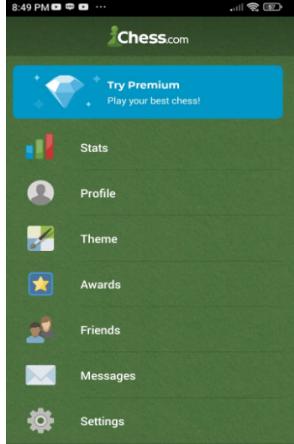
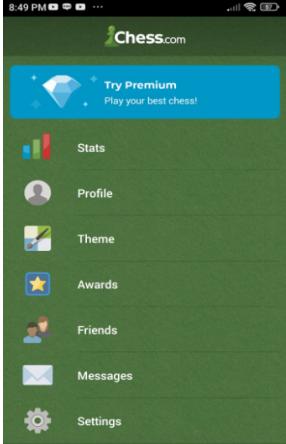
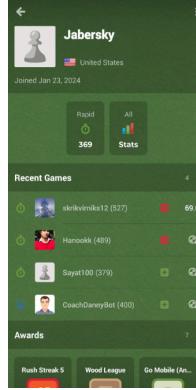
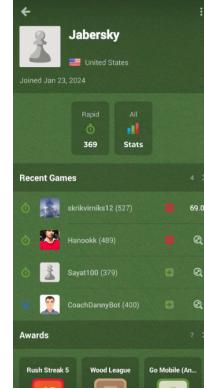
## Functionality Test - (More Menu Button) / STATS Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list  	We are redirected to the "More" menu list  	PASS

5	Click on stats	Player stats will be displayed	Player stats are displayed	PASS
				

#### Functionality Test - (More Menu Button) / Profile Feature

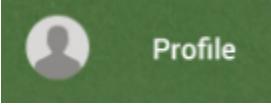
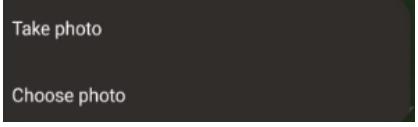
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4	Click on "More" Button	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
				
5	Click on Profile	Profile tab will be open	Profile tab opened	PASS
				
6	Click on the edit button	* Edit profile tab will be displayed  * User profile info is editable	* Edit profile tab is displayed  * User profile info is editable	PASS
				

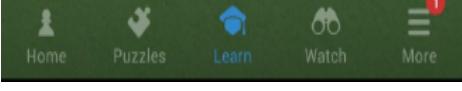
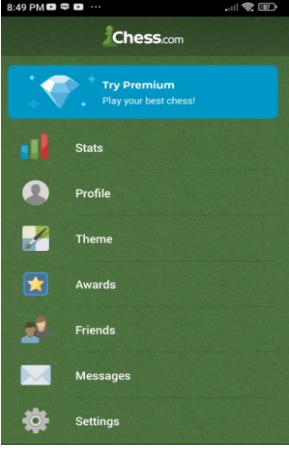
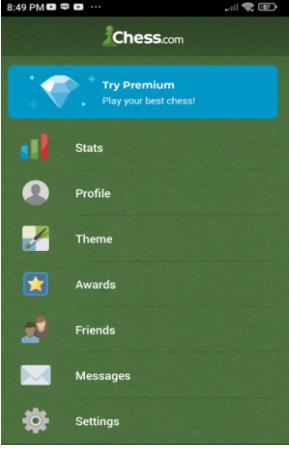
7	Click on profile picture 	A notification will popup 	A notification will popup 	PASS
8	Select choose photo and select any photo	The mobile photo feature will be displayed  The user chess profile picture will be changed successfully	The mobile photo feature will be displayed  The user chess profile picture will be changed successfully	PASS

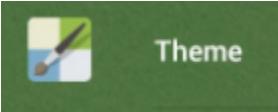
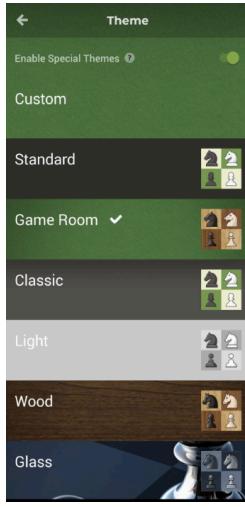
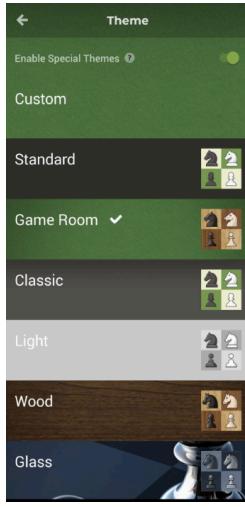
### Integration Test - Profile Feature/ picture editing

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4	Click on "More" Button  	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
5	Click on Profile  	Profile tab will be open	Profile tab opened	PASS
6	Click on the edit button  	* Edit profile tab will be displayed  * User profile info is editable	* Edit profile tab is displayed  * User profile info is editable	PASS
7	Click on profile picture  	A notification will popup  	A notification will popup  	PASS
8	Select Take photo	The chess app will open the mobile camera to take a picture	The chess app will open the mobile camera to take a picture	PASS

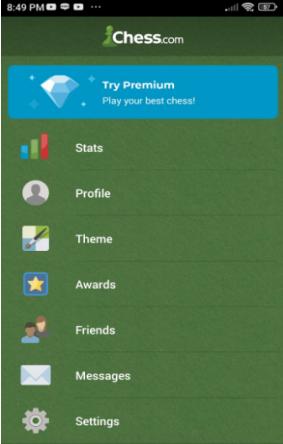
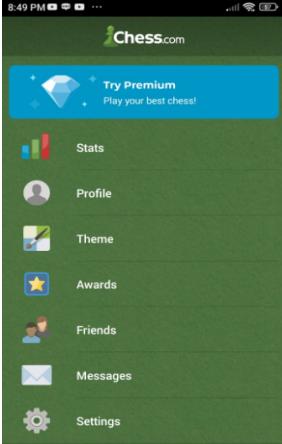
#### Functionality Test - (More Menu Button) / Theme Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list  	We are redirected to the "More" menu list  	PASS

5	Select Theme	Theme boards will be displayed	Theme boards are displayed	PASS
				

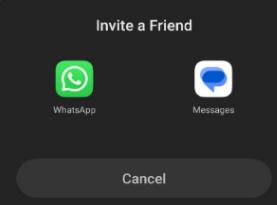
#### Functionality Test - (More Menu Button) / Awards Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

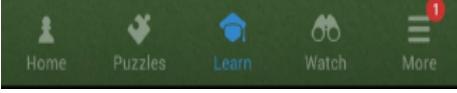
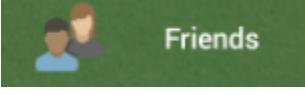
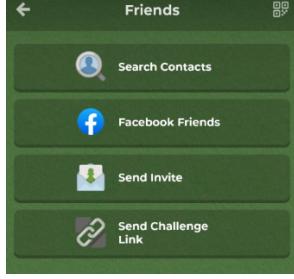
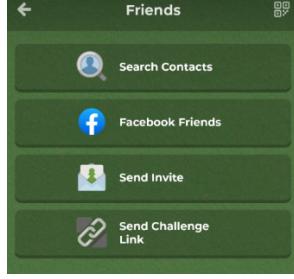
4	Click on "More" Button	We will be redirected to the "More" list  	We are redirected to the "More" menu list    	PASS
5	Select Awards option from the menu  	Awards tab will be displayed  	Awards tab has been displayed  	PASS

#### Functionality Test - (More Menu Button) / Friends / Search contacts

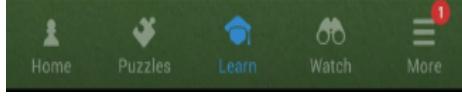
STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS

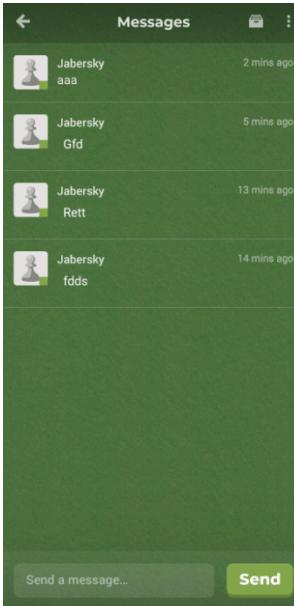
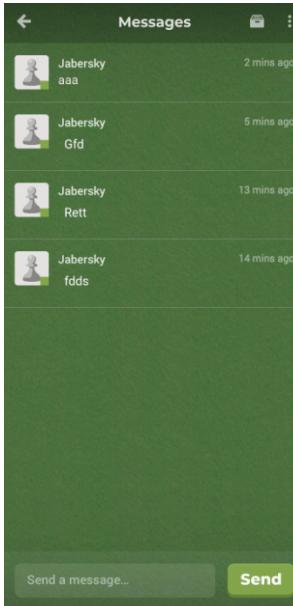
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
5	Click on Friends  	Friends tab will be displayed  	Friends tab will be displayed  	PASS
6	Click Search Contacts	User contacts will open with a invitation button displayed	User contacts has been displayed with a invitation button	PASS
7	Select invite to your contact	An Invitation type message will be displayed  	An Invitation type message has been displayed  	PASS
8	Select invite through messages	An invitation link will be sent to the selected user through a message	An invitation link has been sent to the selected user through a message	PASS

## Functionality Test - (More Menu Button) / Friends / Facebook

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
5	Click on Friends  	Friends tab will be displayed  	Friends tab will be displayed  	PASS
6	Click on facebook friends button	User facebook friends will be displayed	User facebook friends has been displayed	PASS
7	Select your facebook friend	An invitation message via facebook to your friend will be sent	An invitation message via facebook to your friend will be sent	PASS

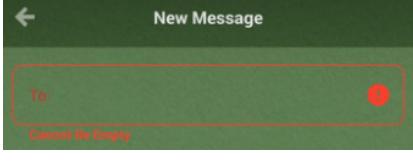
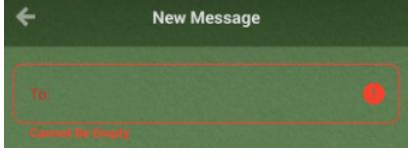
### Functionality Test - (More Menu Button) / Messages Feature

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
5	Click on Messages  	* The messages tab will open  * Messages from other users will be displayed here	* The messages tab will open  * Messages from other users will be displayed here	PASS
6	Click on 	*New message tab will open  *User will be able to send a message to any user in the game	*New message tab will open  *User will be able to send a message to any user in the game	PASS
7	Send message to the user MGFF	Message will be sent to the user MGFF	Message is sent to the user MGFF	PASS

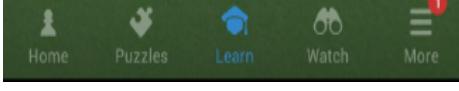
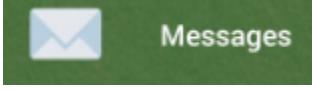
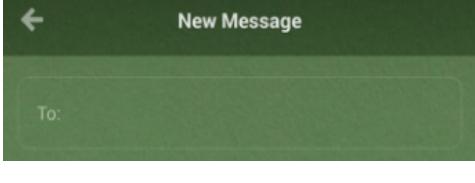
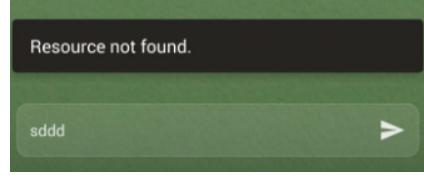
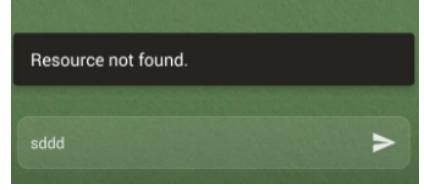
8	Click on the message that you sent to MGFF	A windows chat will open 	A windows chat opened 	PASS
---	--	---	--	------

#### Negative Test - (More Menu Button) / Messages Feature /

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS

4	Click on "More" Button  	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
5	Click on Messages  	* The messages tab will open  * Messages from other users will be displayed here	* The messages tab will open  * Messages from other users will be displayed here	PASS
6	Click on 	*New message tab will open  *User will be able to send a message to any user in the game	*New message tab will open  *User will be able to send a message to any user in the game	PASS
7	Leave to section empty  	To section is empty	To section is empty	PASS
8	Write down a message and click send	A red notification will be displayed <b>Cannot be empty</b>  	A red notification will be displayed <b>Cannot be empty</b>  	PASS

Negative Test - (More Menu Button) / Messages Feature / invalid User

STEP	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	P/A/F A
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the icon CHESS	Ichess game will be opened	Ichess is opened	PASS
3	Login Via Google Account	We should be logged in via google account	We are logged in via google account	PASS
4	Click on "More" Button  	We will be redirected to the "More" list	We are redirected to the "More" menu list	PASS
5	Click on Messages  	* The messages tab will open  * Messages from other users will be displayed here	* The messages tab will open  * Messages from other users will be displayed here	PASS
6	Click on 	*New message tab will open  *User will be able to send a message to any user in the game	*New message tab will open  *User will be able to send a message to any user in the game	PASS
7	Type Fdasdfk123445  	A quick notification will be displayed  	A quick notification is displayed  	PASS

### GUI TEST- Main Menu and its Features

STE P	TEST STEP/INPUT	EXPECTED RESULTS	ACTUAL RESULTS	PA/FA
1.	Navigate to Google Play and download app ICHESS	The app will be downloaded.	The app is downloaded.	PASS
2.	Click on the chess game icon from the mobile device	Ichess game will be opened	Chess is opened	PASS
3.	Navigate to the home menu	Main menu will be displayed	Main menu will be displayed	PASS
4.	To validate the accuracy of the font and graphical user interface (GUI) and its alignments	All GUI elements align perfectly, ensuring readability and optimal functionality	All GUI elements align perfectly, ensuring readability and optimal functionality	PASS

## Bugs Located : 6

### **BUG report - N1**

**BUG SEVERITY:** LOW

**TITLE:** Error handling in offline game mode

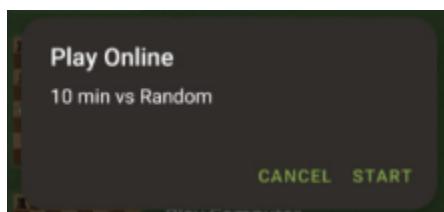
**DESCRIPTION:** A 'Play Online' notification is displayed even when there is no internet connection

**STEPS:**

- 1.Turn off internet access
- 2.Click on the CHESS icon
- 3.Click on the home button
- 4.Select play online

**EXPECTED RESULTS:** A notification prompts to turn on internet access to play online games

**ACTUAL RESULTS:** A play online notification displayed



## **BUG report - N2**

**BUG SEVERITY:** MEDIUM

**TITLE:** Stuck in Offline Loop: App Searching for Online Games

**DESCRIPTION:** After initiating an online game against a random player and subsequently turning off the internet connection, the chess app mistakenly assumes that the internet is still available, resulting in an endless loop in the search for a match

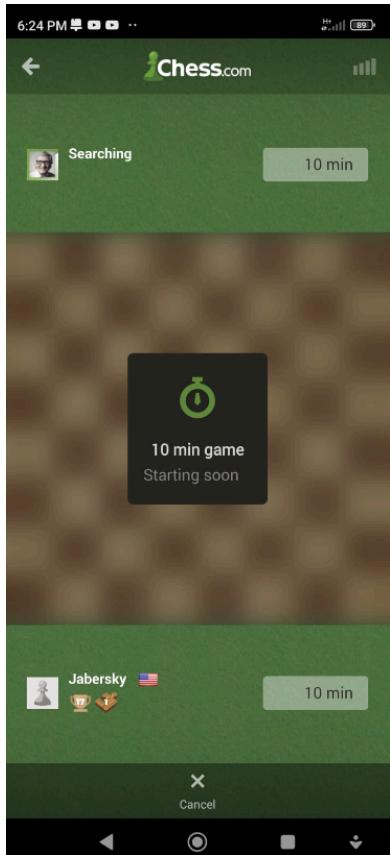
**STEPS:**

- 1.Turn off internet access
- 2.Click on the CHESS icon
- 3.Click on the home button
- 4.Select play online
- 5.click on the start button

**EXPECTED RESULTS:** A notification prompts to turn on internet access to play online games

**ACTUAL RESULTS:** The app engages in online search for game loop

**Attachments -**



## **BUG report - N3**

**BUG SEVERITY:** LOW

**TITLE:** Mirrored Watch Icon: Notification Message Alignment Issue

**DESCRIPTION:** When navigating to the watch icon after switching off the internet connection, the displayed error notification mirrors the watch icon

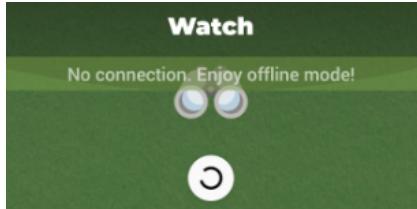
**STEPS:**

- 1.Turn off internet access
- 2.navigate to the home tab
- 3.click on watch icon

**EXPECTED RESULTS:** The notification message is not suppose to mirror with the watch icon

**ACTUAL RESULTS:** The displayed error notification mirrors the watch icon

**Attachments -**



**BUG report - N4**

**BUG SEVERITY:** HIGH

**TITLE:** Language Switching on Mobile: Customizable via Game Settings

**DESCRIPTION:** THE Language Change in Chess App Profile Influences Mobile System: Switching to Spanish

**STEPS:**

- 1.Login Via Google Account
- 2.Navigate to Account profile
- 3.Click on profile edit
- 4.swipe down
- 5.Click on language
- 6.Select espanol

**EXPECTED RESULTS:** Independent Language Change in Chess App: No Impact on Mobile System and Other Features

**ACTUAL RESULTS:** The Chess App and Entire Mobile System Switch to Spanish Language

## Attachments -



## **BUG report - N5**

**BUG SEVERITY:** HIGH

**TITLE:** Language Switching on Mobile: Customizable via Game Settings

**DESCRIPTION:** THE Language Change in Chess App Profile Influences Mobile System: Switching to Arabic

### **STEPS:**

- 1.Login Via Google Account
- 2.Navigate to Account profile
- 3.Click on profile edit
- 4.swipe down
- 5.Click on language
- 6.Select espanol

**EXPECTED RESULTS:** Independent Language Change in Chess App: No Impact on Mobile System and Other Features

**ACTUAL RESULTS:** The Chess App and Entire Mobile System Switch to arabic language

## Attachments -



## BUG report - N6

**BUG SEVERITY:** HIGH

**TITLE:** Language Switching on Mobile: Customizable via Game Settings

**DESCRIPTION:** THE Language Change in Chess App Profile Influences Mobile System: Switching to English

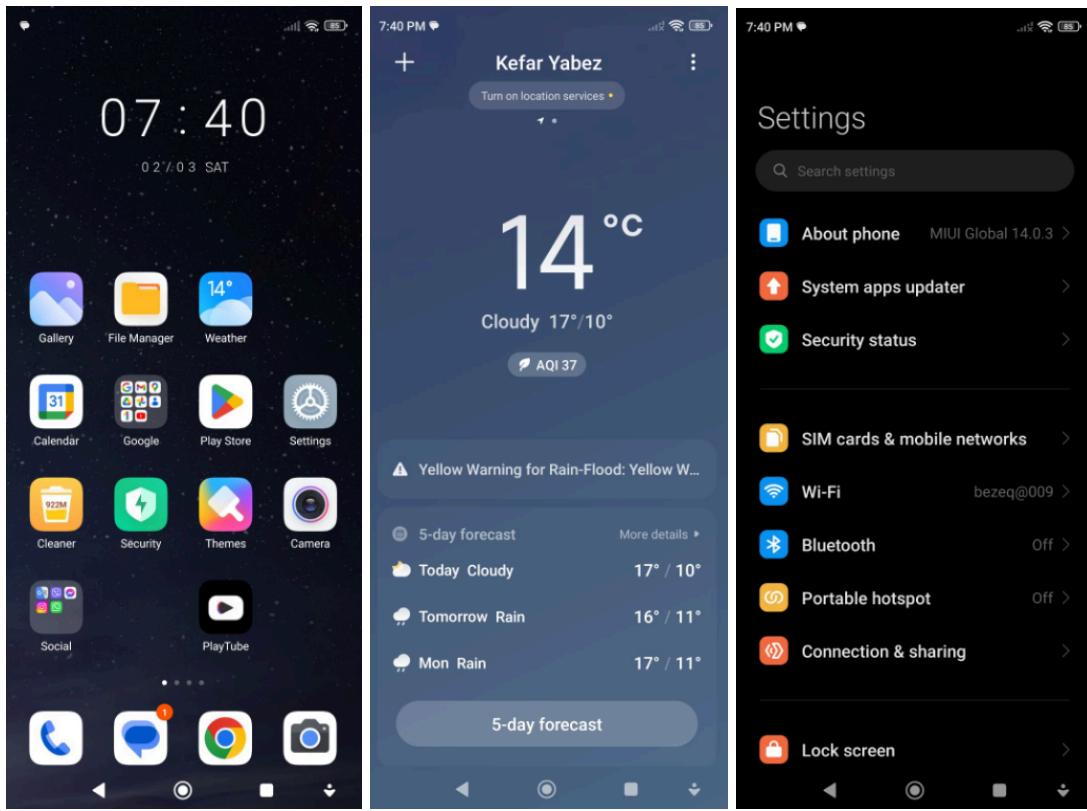
### **STEPS:**

1. Login Via Google Account
2. Navigate to Account profile
3. Click on profile edit
4. swipe down
5. Click on language
6. Select espanol

**EXPECTED RESULTS:** Independent Language Change in Chess App: No Impact on Mobile System and Other Features

**ACTUAL RESULTS:** The Chess App and Entire Mobile System Switch to english language

## Attachments -



## Software Test Plan - STP

**“CHESS APP”**



<Jaber Tsaker>

Version <vr.6.15-google play-262828>

<Date 3/2/2024>

## 1 Document Overview

### 1.1 Introduction

This document serves as the Software Test Plan for :\_

<Google play-Chess App> vr.6.15-google play-262828

The purpose of this STP is to define the framework and Strategy for the testing of “Google play Chess App.”

The plan is tailored to support the Agile Scrum methodology, emphasizing on flexibility, and iterative development.

Our objective is to validate the High Quality of [Google play-Chess App](#).

We will verify “Google play Chess App”.

behaves as expected by testing its features and functionality.

In alignment with Scrum principles, this document will try to stay as short and focused on Testing needs so it could be easily updated and evolve throughout project iterations.

## 1.2 Scope

- The scope of this document is only for version <x.x> of “Google play Chess App” product.

- This STP won't include the Test Planning and Test Execution of "Google play Chess App" on the following OS: Linux, MacOS

## 2 Scope of testing

### 2.1 Features to be tested

Here we will state all the Modules Features you plan to test.

<Note that because its evolving document that some features/Modules could be added / deleted while the project is on process depends on timetables and complexity>

- Sign up
- Play online / offline
- Puzzles
- LearN
- Watch
- Chess TV
- News
- Theme
- Awards
- Friends

- Messages
- Settings
- Leaderboards
- Language support

## 2.2 Features not to be tested

- Insights
- Vision
- Videos
- Accessibility
- Clubs
- Forums
- Help

## 2.3 Testing Types

Outlined below are the test types that will be planned and performed during this project:

### O Functionality Verification:

To ensure all features of “Google play Chess App”, such as query input, search execution, Filters, and tabs, operate as intended across various platforms and devices.

**O    Usability Assessment:**

To evaluate the user interface for intuitiveness, ease of use, and accessibility.

This includes ensuring the search page is easily navigable and that the interface elements are responsive to user interactions.

**O    Compatibility Testing:**

To confirm that “Google play Chess App” works seamlessly across different OS (e.g., Apple IOS, Android) (tablets, smartphones).

**O    Localization and Internationalization Verification:**

To ensure that “Google play Chess App” provides accurate results and a user-friendly experience in different languages and regions.

**O    Search Result Accuracy**

To validate the relevancy and accuracy “Google play Chess App” search results provided by the search algorithms.

This includes testing the effectiveness of filters and the ranking of search results.

- o **Smoke Testing**

Smoke testing is to quickly assess whether the software “Google play Chess App” build is stable enough for more comprehensive testing. It involves executing a set of predefined test cases that cover the fundamental features of the application.

# Software Test Report

# **Software Test Report for “Google play-Chess App”**

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**Date:** **03.02.2024**

## **1. Test Summary**

### **1.1 Scope of Testing:**

The primary objective was to ensure the functionality, usability, and compatibility of the **Google play-Chess App**.

This included testing the following main Modules :

- Sign up ,

- Play online / offline ,
- Puzzles,
- LearN,
- Watch,
- Chess TV,
- News,
- Google pay,

Modules that was planned to be tested but did not:

- During the testing phase, our primary focus was on validating critical functionalities and ensuring the stability of the core features of the application. Given the constraints of time and resources, we prioritized testing areas that have a significant impact on the overall user experience and application performance. Unfortunately, this meant that features such as 'Insights,' 'Vision,' and 'Videos' were not thoroughly tested in this round. We acknowledge the importance of these components and plan to include them in our upcoming testing cycles to ensure a comprehensive evaluation of the entire application.

## **1.2 Testing Period:**

The testing was conducted over One sprints, each lasting two weeks, from [26/1/2023] to [3/2/2024].

## **1.3 Testing Environment:**

Tests were carried out on the “Testing environment” of the **Google play-Chess App**, mirroring the production setup.  
OS included Android and apple **iOS 17** mobile platforms.

## ***1.4 High-Level Results:***

- A total of 90 test cases were executed:  
with 84 passing, 6 failing.
- Major Open Issues included 1 critical open Bug Dynamic Mobile Language Change: Altered via Game Options.  
The Dev Team informed us that this bug will be fixed in 2 days from now.

## **2. Testing Activities**

### **2.1 Smoke Tests**

Over the course of the sprint, no smoke issue have been noticed

### **2.2 Functional Testing**

all functional testing has been conducted, confirming that all features and modules are operating as intended.

Except for **3 open** bugs classified as '**High**' priority.

These high-priority bugs are being actively addressed now by development team.

### **2.3 Compatibility Testing**

During our compatibility testing, no issue related to compatibility have been noticed

## 3. Results and Findings

This section presents the key outcomes of our testing efforts on “Google play-Chess App”.

Here, we will present the important **metrics** that will highlighting both the strengths and the areas needing attention.

These Metrics will provide a comprehensive understanding of the current state of the website's functionality, usability, and overall performance.

### 3.1 Test Execution:

- **Executed:** 90 test cases (100% of planned)
- **Passed:** 84 (93.7%), Failed: 6 (6.3%)

### 3.2 Defects Logged:

- **Total:** 6 defects (Critical: 0, High: 3, Medium: 1, Low: 2)
- Open: 6
- In Progress: 4
- Fixed: 2
- Closed: 1

### 3.3 Requirement coverage:

- 95% of the requirements covered

## 4. Go No Go Recommendation:

After thorough analysis and considering all test results, we recommend a 'Go' decision for the release of the [Google play-Chess App](#).

Our testing experience indicates that the system is quite stable and performs well overall.

We acknowledge the presence of open issues and propose releasing them as known issues to the end-users, with a commitment to addressing them as soon as possible through immediate hotfixes."