

QA-Operations Test

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(Estimated time – 1.0 hour)

Cell phone: _____

Q1 – Test cases

Below is part of back office's "Players" report. Operators use the grid below to view players in the system and use the "Add new player" dialog box to add/update users' details.

- 1) Clicking on the "Add new player" button will open the "Add new player" dialog, and the operator can add a new user to the system.
- 2) Clicking on the "Edit player details" button will open the "Add new player" dialog with the user's details already filled in.
- 3) Clicking on the "Refresh" button reloads the players' grid.
- 4) User name in the system must be unique; passwords must be between 6-12 characters; email must be unique as well; Username and Email are not case- sensitive.

Assume that you have to test this dialog box and grid. Please provide a short STD for testing it. Including:

- 1) Provide at least three tests cases for Client side. (mark as C)
- 2) Provide at least three tests cases for Server side. (mark as S)
- 3) Provide at least one boundary case. (mark as B)

Please write the tests in English and make sure your handwriting Is clear.

Player's report grid

User Name	Password	Email	First Name	Last Name
SaadoY	123456	YehoodaS@walla.co.il	Yehooda	Saado
IsraelBarOn	1234AA	Israel@yahoo.com	Israel	Bar On
NinetT	yehoodaLevi	nina@google.com	Ninet	Tayeb

Add New Player

Edit Player details

Refresh

"Add New Player" dialog box:

Username:	<input type="text"/>	Password:	<input type="text"/>
First name:	<input type="text"/>	Last Name:	<input type="text"/>
Email:	<input type="text"/>		
Add			Cancel

Test case 001 – Title: Client Side - missing fields Type: C

ID	Step Description	Expected Result
1	fill all fields except "last name" fields are filled as expected	
2	click "Add"	Error "please fill all required fields"
3		

Test case 002 – Title: client Side - existing username Type: C

ID	Step Description	Expected Result
1	fill all fields, and 'username' with taken username	all fields filled as expected
2	click "Add"	Error "username already exists"
3		

Test case 003 – Title: client Side - boundary values Type: B

ID	Step Description	Expected Result
1	fill all fields, p.w with 5 chars	all fields filled as expected
2	click "Add"	"password must be 6-12 char in length"
3		

Test case 004 – Title: Client Side - existing Email Type: C

ID	Step Description	Expected Result
1	fill all fields, existing email	all fields filled as expected
2	click "Add"	Error - "Email already exists"
3		

Test case 005 – Title: Server Side - C.R.U.D Type: S

ID	Step Description	Expected Result
1	click "Add new player"	opened "Add new player" dialog
2	fill out unique info, press "Add"	new player details appear in grid
3	click "refresh"	grid retains new info

Test case 006 – Title: Server Side - C.R.U.D Type: S

ID	Step Description	Expected Result
1	highlight player in grid	user highlighted
2	click "edit player details"	"edit" dialog opens
3	change details, click "save"	changed details of existing player in grid

Test case 007 – Title: _____ Type: ____

ID	Step Description	Expected Result
1		
2		
3		

Test case 008 – Title: _____ Type: ____

ID	Step Description	Expected Result
1		
2		
3		

Q2 – Troubleshooting

You got a call from a customer: Player is trying to login to a service, he is entering his details (username and password), then pressing “Submit”.

In 80% of tries he can't login, and remaining on the Login Dialog Box, in the rest 20% the login is passing successfully.

1. Please detail what are the steps you'd do as a testing engineer to understand the problem.

- Make Sure the client remembers their p.w by checking server
- Make sure the client has a stable connection
- Check server for stability issues
- Check server for load issues

2. Please describe the bug to a programmer, feel free to choose any parameters you think are important to describe this bug in the most efficient way (subject, date, description etc.)

Title: Customer fails to login

Description: 8/10 times, customer is unable to login with existing p.w

Type: interface

Severity: High

Priority: Highest

OS: Android

3. Please explain to the customer how this issue has been handled, its current state and when to expect a resolution for this matter.

Dear customer, thank you for your patience regarding this issue
our dev team has been made aware of the matter and are
currently attempting to reproduce the issue you are facing,
expect an update soon, please feel free to provide us with any
more details regarding this issue if possible.

Q3 – SQL

Please refer to the following tables in your database:

Players table:

PlayerID	PlayerName	Balance	UserAgentID
1054	QA_person 1	10	111
2055	QA_person 2	20	677
3056	QA_person 3	55	123
4067	Doron	70	123

User agents table:

UserAgentID	Browser
111	FireFox
123	Chrome
444	IE
677	Safari

1. Write an SQL query that will return players whose name doesn't contains "QA" and their browser:

```
Select playerName, Browser FROM players p
Join Useragents u ON u.UseragentID = p.UseragentID
Where playerName NOT LIKE "QA%";
```

2. Write an SQL query that will summarize the balance for all Chrome players whose name start with "QA":

```
Select SUM(p.Balance) from players p
Join Useragents u ON u.UseragentID = p.UseragentID
Where p.playername LIKE 'QA%' AND u.Browser = "chrome"
```

3. Write an SQL query that will show the Browser, balance and player name of user agent: 677

```
Select u.Browser, Balance, playerName From player p
Join Useragents u ON u.UseragentID = p.UseragentID
Where p.UseragentID = 677
```

4. Write an SQL query that will return the entire data of user agents table + their players (PlayerID) if exists

```
Select u.*, p.PlayerID FROM Useragents
LEFT JOIN players p ON p.UseragentID = u.UseragentID
```



Good Luck!