

Bug and Bug life cycle

1. What is a bug?
2. Fields in a bug
3. Bug title and description format
4. Bug life cycle
5. Jira
6. Practice
7. Review day 2
8. Project tasks & Interview questions

Review day 2

1. What is a bug?

- There are many definitions and all of them are correct
- In the easiest definition to approach, Bug means that software or application is not working as **per the requirement**

2. Fields in a bug:

Some important fields as below circles

Create issue Configure Fields

Project: Webapp (WEB)

Issue Type: Bug

Summary:

Components:

Description:

Fix Version/s:

Priority: Medium

Labels:

Attachment: Drop files to attach, or browse.

Linked Issues: blocks

Issue:

Assignee: Automatic

Epic Link:

Sprint:

JIRA Software sprint field

☐ Create another Create Cancel

JIRA Dashboards Projects Issues Tempo Boards Tests Create

SprinkleBit / SBWEB-1661

Chat - the creator of a group conversation cannot rename it

Edit Comment Assign More Feedback Rejected Workflow

Details

Type:	Bug	Status:	OPEN (View Workflow)
Priority:	Medium	Resolution:	Unresolved
Affects Version/s:	2.20	Fix Version/s:	2.20
Component/s:	None		
Labels:	None		
Environment:	www.test.website.com		
Sprint:	S22		
Epic Link:	Chat		

Description

Any participant of a group conversation should be able to rename it.
The bug is produced only for the creator of a group conversation. All other participants are able to rename the conversation.

Steps to reproduce:

1. Open www.test.website.com
2. Sign in: login - test3 / password - testtest
3. Open a chat dialog with 'Test1 Testington'
4. Click on the button "Settings" => add user
5. Add any user to a group conversation => click "Done"
6. Click again on "Settings" to rename the group conversation

Actual result: the button "Rename conversation" is disabled for the creator of the group conversation.

Expected result: all participants should be able to rename a group conversation.

3. Bug title and description format

3.1 Bug

- Bug titles are read most often. It shows what, where, when comes in the bug
- Bug format: Module/function/screen: **what happen** when you do something
- Example:
 1. Computer/create: It shows error message when create consequence computers 5 times
 2. Signup: Able to sign up to system with an email that is signed up before
 3. Login: App shows meaningless message when enter incorrect password

=>**Test case title** or **expected** NOT a bug title.

TELL ME WHAT WRONG I AM BEFORE TELL WHAT SHOULD I DO

Example:

Login: App should show meaningful message when enter incorrect password

Description format:

A. Precondition:

B. Step to reproduce:

- 1,
- 2,
- 3,

C. Actual result:

- As same as title
- Video or picture

D. Expected result:

E. Environment:

- Android/iOS version
- Chrome/Firefox/Safari version

A. Precondition: User is logged in

B. Step to reproduce:

- 1, Go to Create new computer
- 2, Create new computer 4 times with valid data
- 3, Enter valid data and click Create button
- 4, Observer

C. Actual result:

It shows error message when create new computer 5 times

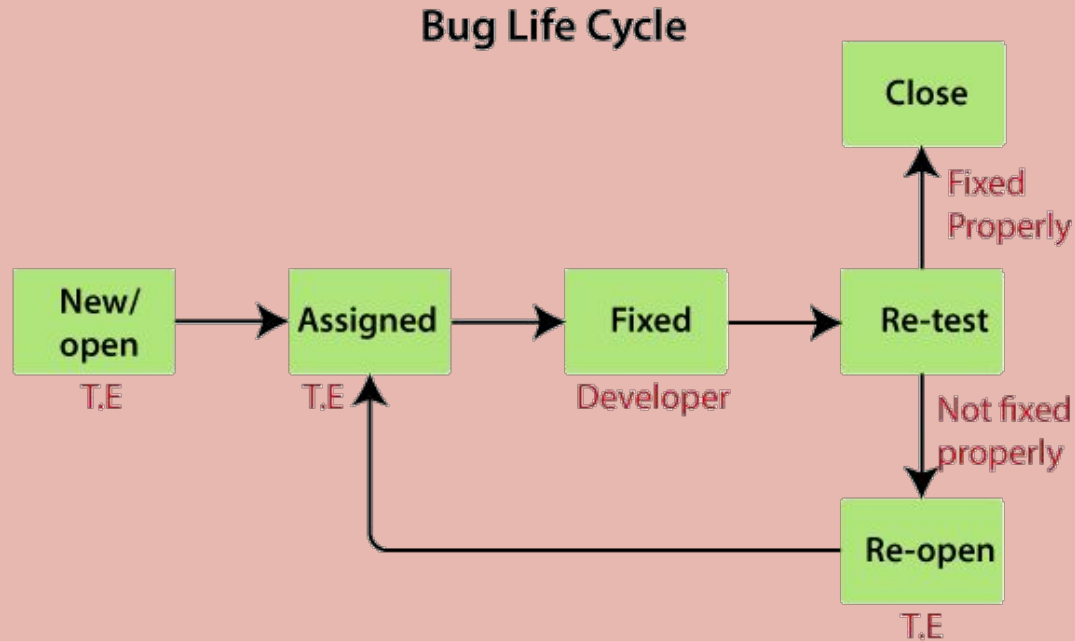
D. Expected result:

- Create new computer successfully

E. Environment:

- Firefox ver 60
- Safari ver 30

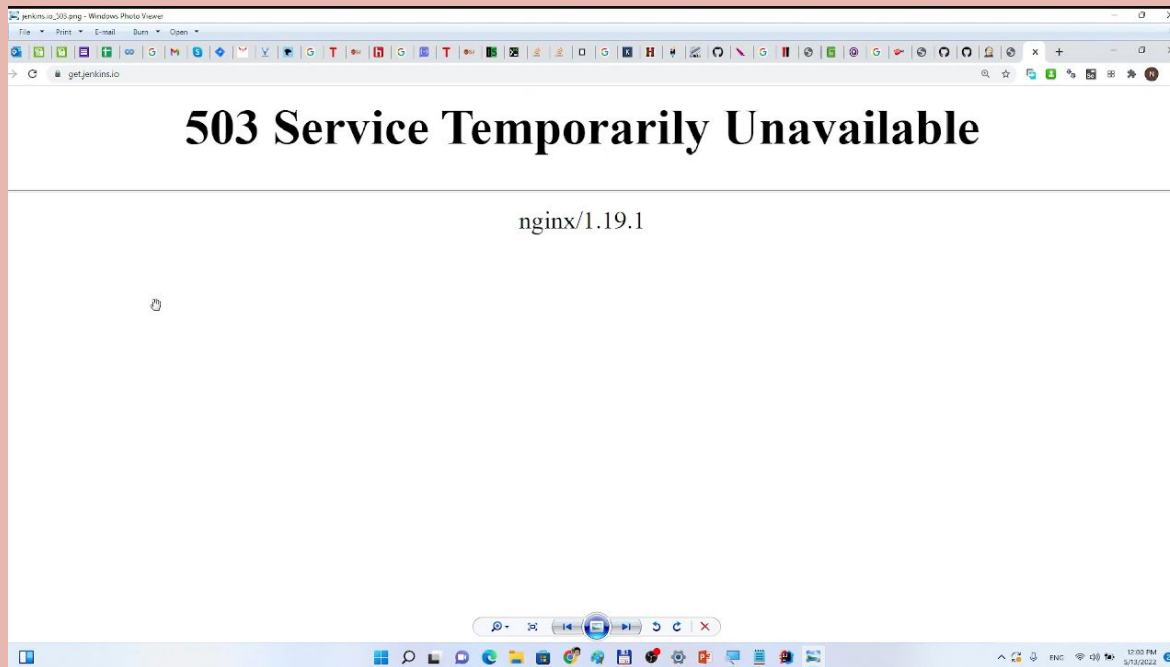
4. Bug life cycle (Show in Jira)



5. Jira

- It is a tracking tool: it stores tickets (bugs, user stories, tasks...)
- There are many kind: Jira, trello, mantis...
- It helps QA store and filter tickets, follow history of tickets, it is work place of many roles in a team to interact...

6. Some actual bugs



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Mã môn	Tên môn	Day	Slot	Lớp
VOV113	Vovinam 2	2,4,6	5,6	V2_C_SPR21_H1
		3,5,7	1,2	V2_S_SPR21_H1
VOV114	Vovinam 1_2	2,4,6	5,6	VOV114_C_SPR21_H1
	(Sinh viên nợ võ 1 đăng ký theo mã môn này)	3,5,7	1,2	VOV114_S_SPR21_H1
VOV123	Vovinam 4	2,4,6	5,6	V4_C_SPR21_H1
		3,5,7	1,2	V4_S_SPR21_H1
VOV124	Vovinam 3_4	2,4,6	5,6	VOV124_C_SPR21_H1
	(Sinh viên nợ võ 3 đăng ký theo mã môn này)	3,5,7	1,2	VOV124_S_SPR21_H1
VOV134	Vovinam 5_6	2,4,6	5,6	VOV134_C_SPR21_H1
	(Sinh viên nợ võ 5 đăng ký theo mã môn này)	3,5,7	1,2	VOV134_S_SPR21_H1
VOV133	Vovinam 6	2,4,6	5,6	V6_C_SPR21_H1
		3,5,7	1,2	V6_S_SPR21_H1

6. Some actual bugs

<https://genk.vn/phat-hien-nut-gui-tin-nhan-tren-iphone-bi-lech-vai-diem-anh-cong-dong-designer-tu-ta-den-tay-than-ai-khoc-noi-dau-nay-20191021104048332.chn>

<https://vnexpress.net/toyota-viet-nam-trieu-hoi-raize-vi-nguy-c-o-sap-gam-4458709.html>

<https://thanhvien.vn/vu-roi-boeing-737-max-phan-mem-chong-that-toc-tai-khoi-dong-4-lan-1851232310.htm>

6. Exercise

Log bug: Sign in screen and sign up screen

7. Project tasks & Interview questions

1. When do we stop the testing?
2. What information do you mention in a bug?
3. What differ 'Priority' from 'severity' of bug? Who set these fields?
4. State of bug and bug life cycle?
5. What tool do you store bugs?
6. What do you do if the issue is rejected? (Focus on the quality, not fight for self. issue not bug cause it is not confirmed as bug from both sides)



Project tasks

1. Web: <https://computer-database.gatling.io/computers>

- Create TCs for: **edit + delete + List computer screen** (Exclude search function)
- Execute test + log bug: **Edit computer+List computer screen (log 2-3 bugs)**

Browser: chrome + firefox (the latest version)

2. (Optional - for hardworking student) Test case + Execute test and log bug:
<https://katalon-demo-cura.herokuapp.com/>

- **Make Appointment, history**
- Browser: chrome + firefox (The latest version)