

Nama : Gunado Siregar

Kelas : Quality Engineer Kelas A

**Theory:**

1. Apa yang dimaksud dengan Bugs?

Jawab:

Bugs adalah jenis issue yang biasa digunakan jika terjadi penemuan bug saat proses testing oleh software tester (Quality Engineer). Bug merupakan kesalahan yang terjadi pada perangkat komputer atau mobile yang disebabkan oleh perangkat lunak atau perangkat keras yang tidak berjalan sesuai dengan semestinya sehingga menyebabkan error. Bug pada software akan semakin mudah ditemukan jika program yang dikembangkan semakin kompleks.

2. Apa yang dimaksud dengan “TO DO” pada JIRA?

Jawab:

Panel TO DO berisi story yang akan dikerjakan dan sudah diprioritaskan saat planning. Story yang ditempatkan paling atas menandakan bahwa story tersebut merupakan prioritas utama (paling tinggi).

3. Apa yang dimaksud dengan “IN PROGRESS” pada JIRA?

Jawab:

Panel IN PROGRESS berisi story yang sedang dikerjakan oleh Software Engineer atau Developer.

4. Apa perbedaan antara “Deliver” dan “Finish”?

Jawab:

Panel FINISH berisi story yang sudah selesai dikerjakan oleh Software Engineer atau Developer, namun belum siap untuk tahap testing, sedangkan Panel DELIVER berisi story yang siap memasuki tahap testing oleh quality engineer.

5. Apa yang dimaksud dengan “EPIC” pada JIRA?

Jawab:

EPIC merupakan jenis issue dalam JIRA yang digunakan untuk melakukan pengelompokan task.

6. Apa yang harus dilakukan saat menggunakan tools JIRA, jika kita menemukan bugs pada fitur yang sudah dilakukan testing?

Jawab:

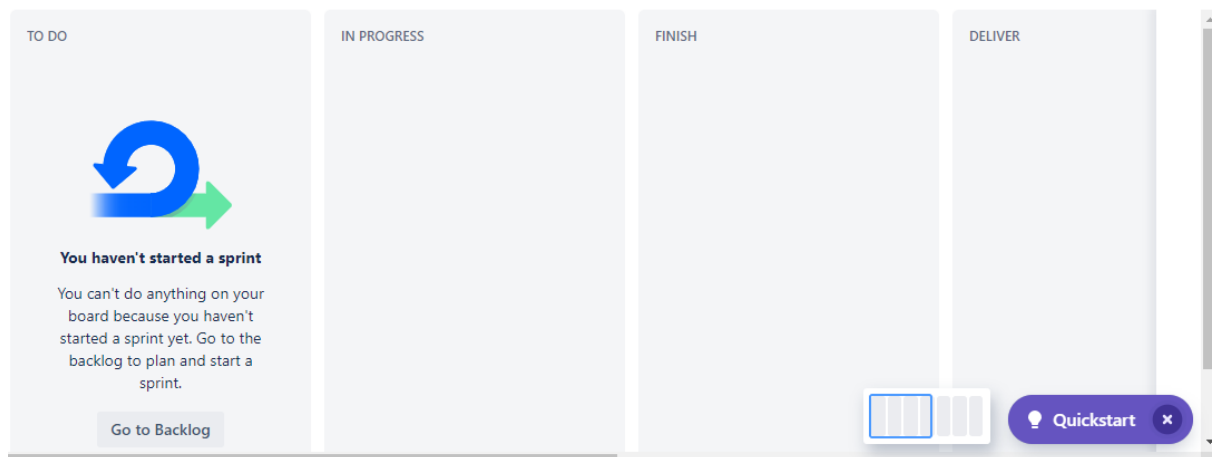
- Membuat issue bertipe bugs saat ditemukan ada yang tidak sesuai dengan criteria testing, dengan menjelaskan pada issue tersebut kondisi saat ini seperti apa, expected yang diharapkan seperti apa, dan langkah-langkah untuk melakukan testing tersebut.
- Memindahkan fitur yang berkaitan dengan bugs ke kolom “IN PROGRESS”.

## Practice:

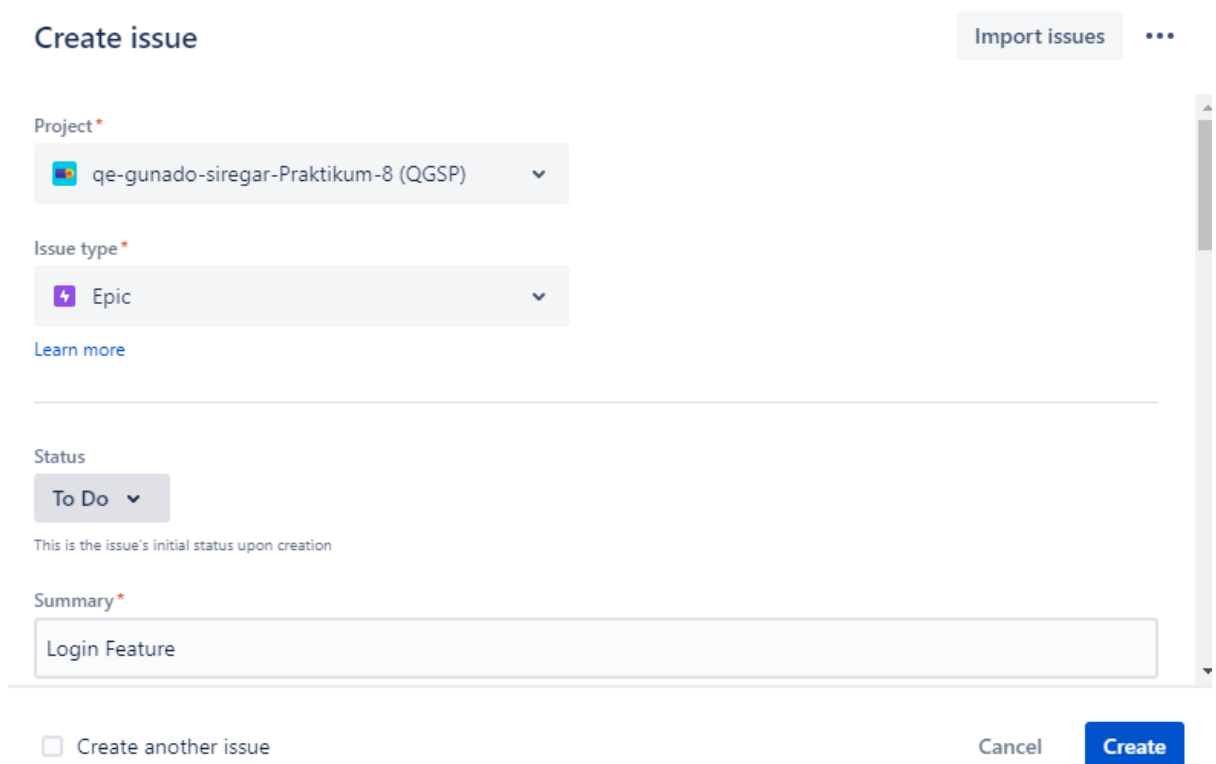
1. Buatlah simulasi terjadinya bugs pada suatu feature (Story, Task, Subtask). Deskripsikan Feature dan Bugs (minimal 5 untuk bugs) dari simulasi yang dibuat pada JIRA.
2. Lampirkan Screenshoot step-step pekerjaan berupa docs atau pdf.

## Penyelesaian:

1. Membuat proyek baru, dan menambahkan semua panel yang dibutuhkan, mulai dari TO DO, IN PROGRESS, FINISH, DELIVER, TESTING, NEED FIXING, hingga DONE



2. Membuat sebuah issue berjenis epic untuk mengelompokkan task fungsi login



**Create issue** Import issues ...

Project\*  
qe-gunado-siregar-Praktikum-8 (QGSP) ▼

Issue type\*  
Epic ▼  
[Learn more](#)

Status  
To Do ▼  
This is the issue's initial status upon creation

Summary\*  
Login Feature

☐ Create another issue Cancel Create

3. Untuk menegetahui epic telah terbentuk, kita dapat melihat dari menu Roadmap. Bukti epic terbentuk

# Roadmap

G

Status category ▼

Label ▼

	G	
Sprints		
QGSP-1 Login Feature		
+ Create Epic		

4. Membuat sebuah issue bertipe story untuk fitur login

Create issue

Import issues...

Project\*

qe-gunado-siregar-Praktikum-8 (QGSP)▼

Issue type\*

Story▼

[Learn more](#)

Status

To Do▼

This is the issue's initial status upon creation

Summary\*

Login Successfully

☐ Create another issue

Cancel

Create

5. Membuat sebuah issue bertipe task

### Create issue

Import issues

Project\*

qe-gunado-siregar-Praktikum-8 (QGSP)

Issue type\*

☒ Task

[Learn more](#)

Status

To Do

This is the issue's initial status upon creation

Summary\*

Login Valid

☐ Create another issue

Cancel

Create

6. Membuat daftar Sub Task

Child issues		Order by		...	+
				0% Done	
QGSP-4	Login with valid emai...	-		TO DO	
QGSP-5	Login with Invalid e...	-		TO DO	
QGSP-6	Login with valid emai...	-		TO DO	
QGSP-7	Login with invalid em...	-		TO DO	

7. Start sprint dengan menekan tombol Start sprint pada panel TO DO

0 0 0

Start sprint

...

TO DO

G

TO DO

G

8. Tampilan halaman Start sprint

## Start Sprint

2 issues will be included in this sprint.

Sprint name \*

QGSP Sprint 1

Duration \*

custom

Start date \*

9/5/2022

7:32 AM



End date \*

9/19/2022

7:32 AM



Sprint goal

This sprint is to check Login features



Start

Cancel

9. Hasil setelah sprint dimulai.

qe-gunado-siregar-Pra...  
Software project

PLANNING

- Roadmap
- Backlog
- Board**

DEVELOPMENT

- Code
- Project pages
- Add shortcut
- Project settings

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## QGSP Sprint 1

This sprint is to check Login features

9 days remaining

GROUP BY Non

TO DO 2 ISSUES

- Login Successfully  
LOGIN FEATURE login  
QGSP-2
- Login Valid  
LOGIN FEATURE login  
QGSP-3

IN PROGRESS

FINISH

DELIV

10. Kemudian pindahkan issue story ke dalam panel IN PROGRESS.

qe-gunado-siregar-Pra...  
Software project

PLANNING

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DEVELOPMENT

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## QGSP Sprint 1

This sprint is to check Login features

TO DO 1 ISSUE

- Login Valid  
LOGIN FEATURE login  
QGSP-3

IN PROGRESS 1 ISSUE









- Login Successfully  
LOGIN FEATURE login  
QGSP-2

FINISH

11. Setelah itu ubah subtask menjadi FINISH

Child issues Order by ▾ ⋮ +









0% Done

	QGSP-4	Login with valid email and valid password	-		FINISH ▾
	QGSP-5	Login with Invalid email and valid password	-		FINISH ▾
	QGSP-6	Login with valid email and invalid password	-		FINISH ▾
	QGSP-7	Login with invalid email and invalid password	-		FINISH ▾

12. Kemudian ubah Kembali subtask tersebut menjadi DELIVER

Child issues Order by ▾ ⋮ +




0% Done



	QGSP-4	Login with valid email and valid password	-		DELIVER ▾
	QGSP-5	Login with Invalid email and valid password	-		DELIVER ▾
	QGSP-6	Login with valid email and invalid password	-		DELIVER ▾
	QGSP-7	Login with invalid email and invalid password	-		DELIVER ▾

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QGSP Sprint 1

This sprint is to check Login features

   9 days remaining Complete sprint ⋮





Epic ▾

Label ▾

Type ▾


GROUP BY None ▾ Insights

IN PROGRESS 1 ISSUE

Login Successfully  
LOGIN FEATURE login  
 QGSP-2 

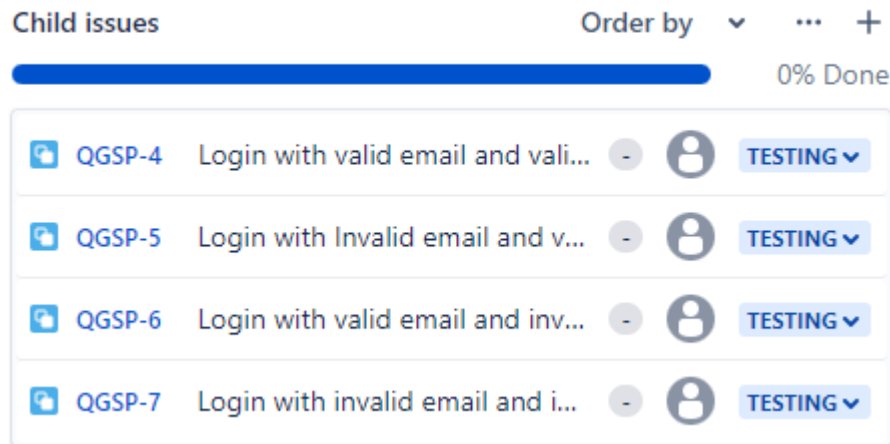
FINISH

DELIVER 1 ISSUE

Login Valid  
LOGIN FEATURE login  
☒ QGSP-3 

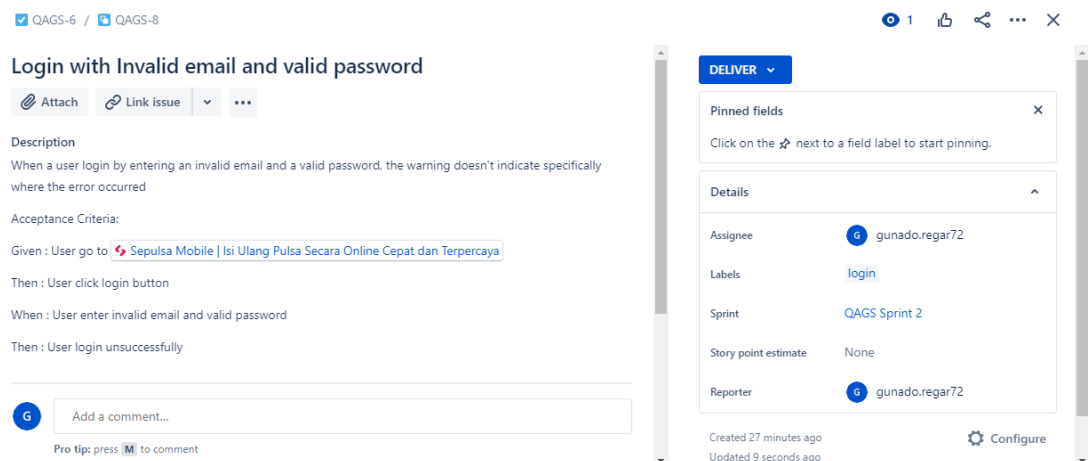
TESTING

13. Setelah selesai pada tahap FINISH dan DELIVER, maka issue akan masuk pada panel TESTING



14. Kemudian setelah dilakukan proses testing oleh Quality Engineer, ditemukan bug, maka akan dibuat issue bertipe bug dan akan dipindahkan ke panel NEED FIX.

❖ **Bug QGSP-8 -Login with invalid email and valid password**



**Description:**

When a user login by entering an invalid email and a valid password, the warning doesn't indicate specifically where the error occurred

**Acceptance Criteria:**

Given : User go to <http://sepulsa.com>

Then : User click login button

When : User enter invalid email and valid password

Then : User login unsuccessfully



Expected Result : email is invalid

Actual Result : User can not login to <http://sepulsa.com> and message error “Coba ingat-ingat lagi alamat e-mail/ nomor handphone dan password kamu. Masih ada yang salah nih”

#### ❖ Bug QGSP-9 -Login with valid email and invalid password

The screenshot shows a Jira bug report for 'Login with valid email and invalid password'. The report includes a description, acceptance criteria, and a comment section. The acceptance criteria are: Given: User go to [Sepulsa Mobile | Isi Ulang Pulsa Secara Online Cepat dan Terpercaya](http://sepulsa.com); Then: User click login button; When: User enter valid email and invalid password; Then: User login unsuccessfully. The right sidebar shows the bug is assigned to 'gunado.regar72' and has a label 'login'.

QAGS-6 / QAGS-9

### Login with valid email and invalid password

Attach Link issue

Description

When a user login by entering a valid email and an invalid password, the warning doesn't indicate specifically where the error occurred

Acceptance Criteria:

Given : User go to [Sepulsa Mobile | Isi Ulang Pulsa Secara Online Cepat dan Terpercaya](http://sepulsa.com)

Then : User click login button

When : User enter valid email and invalid password

Then : User login unsuccessfully

Add a comment...

Pro tip: press M to comment

DELIVER

Pinned fields

Click on the ✎ next to a field label to start pinning.

Details

Assignee: gunado.regar72

Labels: login

Sprint: No matches found

Story point estimate: None

Reporter: gunado.regar72

Created 30 minutes ago

Updated 10 minutes ago

Configure

When a user login by entering a valid email and an invalid password, the warning doesn't indicate specifically where the error occurred

Acceptance Criteria:

Given : User go to <http://sepulsa.com>

Then : User click login button

When : User enter valid email and invalid password

Then : User login unsuccessfully

Expected Result : password is invalid

Actual Result : User can not login to <http://sepulsa.com> and message error “Coba ingat-ingat lagi alamat e-mail/ nomor handphone dan password kamu. Masih ada yang salah nih”

## ❖ Bug QGSP-10 -Login with invalid phone number and valid password

The screenshot shows a Jira bug report interface. At the top, there are tabs for 'QAGS-6' and 'QAGS-10'. The main title is 'Login with invalid phone number and valid password'. Below the title, there are buttons for 'Attach', 'Link issue', and a dropdown menu. The 'Description' section contains the text: 'When a user login by entering an invalid phone number and a valid password, the warning doesn't indicate specifically where the error occurred'. The 'Acceptance Criteria' section lists three steps: 'Given : User go to Sepulsa Mobile | Isi Ulang Pulsa Secara Online Cepat dan Terpercaya', 'Then : User click login button', and 'When : User enter invalid phone number and valid password'. The 'Then : User login unsuccessfully' is also listed. At the bottom, there is a comment box with the text 'Add a comment...' and a 'Pro tip: press M to comment' message. On the right side, there is a sidebar with a 'DELIVER' button, a 'Pinned fields' section, and a 'Details' section. The 'Details' section shows the Assignee as 'gunado.regar72', Labels as 'login', Sprint as 'QAGS Sprint 2', Story point estimate as 'None', and Reporter as 'gunado.regar72'. At the bottom of the sidebar, it says 'Created 32 minutes ago' and 'Updated 1 minute ago'.

When a user login by entering an invalid phone number and a valid password, the warning doesn't indicate specifically where the error occurred

Acceptance Criteria:

Given : User go to <http://sepulsa.com>

Then : User click login button

When : User enter invalid phone number and valid password

Then : User login unsuccessfully

Expected Result : phone number is invalid

Actual Result : User can not login to <http://sepulsa.com> and mesage error “Coba ingat-ingat lagi alamat e-mail/ nomor handphone dan password kamu. Masih ada yang salah nih”

## ❖ Bug QGSP-11 -Login with valid phone number and invalid password

The screenshot shows a Jira bug report interface. At the top, there are tabs for 'QAGS-6' and 'QAGS-11'. The main title of the bug is 'Login with valid phone number and invalid password'. Below the title, there are buttons for 'Attach', 'Link issue', and a dropdown menu. The 'Description' section states: 'When a user login by entering an valid phone number and an invalid password, the warning doesn't indicate specifically where the error occurred'. The 'Acceptance Criteria' section lists: 'Given : User go to Sepulsa Mobile | Isi Ulang Pulsa Secara Online Cepat dan Terpercaya', 'Then : User click login button', 'When : User enter valid phone number and invalid password', and 'Then : User login unsuccessfully'. At the bottom, there is a comment box with a 'G' icon and the text 'Add a comment...'. To the right, there is a sidebar with a 'DELIVER' button, a 'Pinned fields' section, and a 'Details' section. The 'Details' section shows the assignee 'gunado.regar72', labels 'login', sprint 'No matches found', story point estimate 'None', and reporter 'gunado.regar72'. At the bottom right, it says 'Created 33 minutes ago' and 'Updated 11 minutes ago'.

When a user login by entering an valid phone number and an invalid password, the warning doesn't indicate specifically where the error occurred

Acceptance Criteria:

Given : User go to <http://sepulsa.com>

Then : User click login button

When : User enter valid phone number and invalid password

Then : User login unsuccessfully

Expected Result : password is invalid

Actual Result : User can not login to <http://sepulsa.com> and mesage error “Coba ingat-ingat lagi alamat e-mail/ nomor handphone dan password kamu. Masih ada yang salah nih”

## ❖ Bug QGSP-12 -Login with invalid email and invalid password

The screenshot shows a Jira bug report interface. The title is 'Login with invalid email and invalid password'. The description states: 'When a user login by entering an invalid email and an invalid password, the warning doesn't indicate specifically where the error occurred'. The acceptance criteria are: 'Given : User go to [Sepulsa Mobile | Isi Ulang Pulsa Secara Online Cepat dan Terpercaya](#)', 'Then : User click login button', 'When : User enter invalid email and invalid password', and 'Then : User login unsuccessfully'. The right sidebar shows details: Assignee is 'gunado.regar72', Labels is 'login', Sprint is 'QAGS Sprint 2', Story point estimate is 'None', and Reporter is 'gunado.regar72'. The bug was created 6 minutes ago and updated 5 minutes ago.

When a user login by entering an invalid email and an invalid password, the warning doesn't indicate specifically where the error occurred

Acceptance Criteria:

Given : User go to <http://sepulsa.com>

Then : User click login button

When : User enter invalid email and invalid password

Then : User login unsuccessfully

Expected Result : email is invalid and password is invalid

Actual Result : User can not login to <http://sepulsa.com> and message error “Coba ingat-ingat lagi alamat e-mail/ nomor handphone dan password kamu. Masih ada yang salah nih”

# 15. Tampilan Board JIRA

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6

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DEVELOPMENT

- Code

Project pages

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QGSP Sprint 1

This sprint is to check Login features

Q Search

6

👤

Epic

Label

Type

GROUP BY: None

📊 Insights

🔗

☆

🕒 9 days remaining

Complete sprint

⋮

DELIVER 1 ISSUE

TESTING

NEED FIX 5 ISSUES

DONE ✓

Login Valid

LOGIN FEATURE login

☑ QGSP-3

👤 6

Login with invalid email and valid password

login

🔴 QGSP-8

6

Login with valid email and invalid password

login

🔴 QGSP-9

6

Login with invalid phone number and valid password

login

📋

💡 Quickstart

✕