

Name: Fitriah Ilmi

1. Create test cases with test data for this screen (40%)

No	Scenario ID	Scenario Name	Test Case ID	Test Case Name	Test Type	Test Step	Expected Result	Actual Result	Status (Pass/Fail/Not executed)
1	SC 1.1	Check "Nama Lengkap" field	TC 1.1.1	User inputs number for the "Nama Lengkap" field	Negative	1. User access the Registration screen 2. Input number for the "Nama Lengkap" field	Error message appears "Mohon menggunakan alfabet"		
2			TC 1.1.2	User inputs special character for the "Nama Lengkap" field	Negative	1. User access the Registration screen 2. Input special character, example: exclamation mark for "Nama Lengkap" field	Error message appears "Mohon menggunakan alfabet"		
3			TC 1.1.3	User Skip "Nama Lengkap" field	Negative	1. User access the Registration screen 2. Skip "Nama Lengkap" field 3. Fill other field 4. User clicks on the "Daftar" button	Error message appears "Mohon masukan Nama Lengkap"		
4			TC 1.1.4	User inputs alphabets for the "Nama Lengkap" field	Posiitive	1. User access the Registration screen 2. Fill "Nama Lengkap" field correctly 3. Fill other field 4. User clicks on the "Daftar" button	Can continue process to the Phone Number verification screen		
5	SC 1.2	Check "Alamat Email" field	TC 1.2.1	User inputs complete field with "Alamat Email" Existing	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly	Error message appears "Email yang anda masukan telah terdaftar"		

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						3. User inputs complete field with "Alamat Email" existing 4. Fill other field 5. User clicks on the "Daftar" button			
6			TC 1.2.2	User inputs complete field with incorrect "Alamat Email" format	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs complete field with "Alamat Email" format "xxxx@gmail.com" 4. User clicks on "Daftar" button	Error message appears "Mohon input email yang sesuai"		
7			TC 1.2.3	User Skip "Alamat Email" field	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User skip "Alamat Email" field 4. Fill other field 5. User clicks on the "Daftar" button	Error message appears "Mohon masukan Alamat Email"		
8			TC 1.2.4	User inputs "Alamat Email" field Correctly	Positive	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User input "Alamat Email" field correctly 4. Fill other field 5. User clicks on the "Daftar" button	Can continue process to the Phone Number verification screen		

9	SC 1.3	Check "Nomor Telepon" field	TC 1.3.1	User inputs complete field with "Nomor Telepon" Existing	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs complete field with "Nomor Telepon" existing 5. Fill other field 6. User clicks on the "Daftar" button	Error message appears "Nomor yang anda masukan telah terdaftar"		
10			TC 1.3.2	User inputs complete field with "Nomor Telepon" input less than 10 char	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User input complete field with "Nomor Telepon" less than 10 char 5. Fill other field 6. User clicks on the "Daftar" button	Error message appears "Mohon input nomor telepon yang sesuai"		
11			TC 1.3.3	User inputs complete field with "Nomor Telepon" input more than 20 char	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly	Error message appears "Mohon input nomor telepon yang sesuai"		

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						4. User inputs complete field with "Nomor Telepon" more than 20 char 5. Fill other field 6. User clicks on the "Daftar" button			
12			TC 1.3.4	User Skip "Nomor Telepon" field	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" correctly 4. User skip "Nomor Telepon" field 4. Fill other field 5. User clicks on the "Daftar" button	Error message appears "Mohon masukan Nomor Telepon"		
13			TC 1.3.5	User inputs "Nomor Telepon" field Correctly	Positive	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" correctly with format using +62 or 08 at the beginning of the number 5. Fill other field 6. User clicks on the "Daftar" button	Can continue process to the Phone Number verification screen		
14	SC 1.4	Check "Kata Sandi" field	TC 1.4.1	User inputs complete field	Negative	1. User access the Registration screen	Error message appears "Mohon		

				with "Kata Sandi" less than 8 characters		2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs complete field with "Kata Sandi" less than 8 characters 6. Fill other field 7. User clicks on the "Daftar" button	masukan kata sandi sesuai format"		
15			TC 1.4.2	User inputs "Kata Sandi" field without uppercase format	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs "Kata Sandi" field without uppercase format 6. Fill other field 7. User clicks on the "Daftar" button	Error message appears "Mohon masukan kata sandi sesuai format"		
16			TC 1.4.3	User inputs "Kata Sandi" field without lowercase format	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly	Error message appears "Mohon masukan kata sandi sesuai format"		

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						4. User inputs "Nomor Telepon" field correctly 5. User inputs "Kata Sandi" field without lowercase format 6. Fill other field 7. User clicks on the "Daftar" button			
17			TC 1.4.4	User inputs alphabet for the "Kata Sandi" field	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs alphabet for the "Kata Sandi" field 6. Fill other field 7. User clicks on the "Daftar" button	Error message appears "Mohon masukan kata sandi sesuai format"		
18			TC 1.4.5	User skip "Kata Sandi" field	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User skip "Kata Sandi" field 6. Fill other field	Error message appears "Mohon masukan Kata Sandi"		

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						7. User clicks on the “Daftar” button			
19			TC 1.4.6	User inputs “Kata Sandi” field Correctly	Positive	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs "Kata Sandi" field correctly 6. Fill other field 7. User clicks on the “Daftar” button	Can continue process to the Phone Number verification screen		
20	SC 1.5	Check “Konfirmasi Kata Sandi” field	TC 1.5.1	User inputs "Konfirmasi Kata Sandi" field different from "Kata Sandi" field	Negative	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs "Kata Sandi" field correctly 6. User inputs "Konfirmasi Kata Sandi" field different from "Kata Sandi" field 7. User clicks on the “Daftar” button	Error message appears “Mohon masukan konfirmasi kata sandi sesuai dengan kata sandi”		
21			TC 1.5.2	User skip “Konfirmasi	Negative	1. User access the Registration screen	Error message appears “Mohon masukan		

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				Kata Sandi" field		2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs "Kata Sandi" field correctly 6. User skip "Konfirmasi Kata Sandi" field 7. User clicks on the "Daftar" button	Konfirmasi Kata Sandi"		
22			TC 1.5.3	User inputs "Konfirmasi Kata Sandi" field correctly suitable with "Kata Sandi" field	Positive	1. User access the Registration screen 2. User inputs "Nama Lengkap" field correctly 3. User inputs "Alamat Email" field correctly 4. User inputs "Nomor Telepon" field correctly 5. User inputs "Kata Sandi" field correctly 6. User inputs "Konfirmasi Kata Sandi" field correctly suitable with "Kata Sandi" field 7. User clicks on the "Daftar" button	Can continue process to the Phone Number verification screen		
23	SC 1.6	Check All Fields at Registration screen	TC 1.6.1	User skip All Fields Registration	Negative	1. User access the Registration screen 2. User skip All Fields Registration	Error message appears "Mohon masukan data registrasi"		

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						3. User clicks on the "Daftar" button			
24	SC 1.7	Check "Sudah Punya Akun" link	TC 1.7.1	User click "Sudah Punya Akun" link	Positive	1. User access the Registration screen 2. User click "Sudah Punya Akun" link	Can continue to Login screen		
25	SC 2.1	Check verification from "Nomor Telepon" field	TC 2.1.1	User inputs a different "Nomor Telepon" during registration	Negative	1. User success fill all field at registration screen 2. User inputs a different "Nomor Telepon" during registration	Error message appears "Mohon masukan Nomor Telepon yang sesuai"		
26			TC 2.1.2	User inputs "Nomor Telepon" suitable with registration screen	Positive	1. User success fill all field at registration screen 2. User inputs "Nomor Telepon" suitable with registration screen	"Kode Verifikasi" will be sent to the user's phone		
27	SC 2.2	Check "Kode Verifikasi" field	TC 2.2.1	User inputs wrong "Kode Verifikasi"	Negative	1. User success fill all field at registration screen 2. User inputs "Nomor Telepon" suitable with registration screen 3. After accept "Kode Verifikasi", user inputs wrong "Kode Verifikasi" 4. User click "Masuk" button	Error message appears "Mohon masukan Kode Verifikasi yang sesuai"		
28			TC 2.2.2	User inputs right "Kode Verifikasi"	Positive	1. User success fill all field at registration screen 2. User inputs "Nomor Telepon" suitable with registration screen	Can continue to Login screen		

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						3. After accept "Kode Verifikasi", user inputs right "Kode Verifikasi" 4. User click "Masuk" button			
29	SC 2.3	Check All Fields at Verification Number screen	TC 2.3.1	User skip All Fields Verification Number	Negative	1. User success fill all field at registration screen 2. User skip All Fields Verification Number 3. User click "Masuk" button	Error message appears "Mohon masukan data verifikasi nomor"		
30	SC 2.4	Check "Butuh Bantuan" link	TC 2.4.1	User click "Butuh Bantuan" link	Positive	1. User success fill all field at registration screen 2. User click "Butuh Bantuan" link	Can continue to "Butuh Bantuan" screen		
31	SC 2.5	Check "Daftar" Button	TC 2.5.1	User click "Daftar" button	Negative	1. User success fill all field at registration screen 2. User click "Daftar" button	Back to Registration screen		
32	SC 3.1	Check Login "Email/Nomor Telepon" Field	TC 3.1.1	User inputs login with wrong email	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User inputs login with wrong email 4. Fill other field 5. Click "Masuk" button	Error message appears "Mohon masukan Email yang sesuai"		
33			TC 3.1.2	User inputs login with wrong "Nomor Telepon"	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User inputs login with wrong "Nomor Telepon"	Error message appears "Mohon masukan Nomor Telepon yang sesuai"		

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						4. Fill other field 5. Click "Masuk" button			
34			TC 3.1.3	User skip login "Email/Nomor Telepon" Field	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User skip login "Email/Nomor Telepon" Field 4. Fill other field 5. Click "Masuk" button	Error message appears "Mohon masukan Email/Nomor Telepon"		
34			TC 3.1.4	User inputs login with right email or "Nomor Telepon"	Positive	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User inputs login with right email or "Nomor Telepon" 4. Fill other field 5. Click "Masuk" button	Success Login and go to home screen		
35	SC 3.2	Check Login "Kata Sandi" Field	TC 3.2.1	User inputs login with wrong "Kata Sandi"	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User inputs login with right email or "Nomor Telepon" 4. User inputs login with wrong "Kata Sandi" 5. Click "Masuk" button	Error message appears "Mohon masukan Kata Sandi yang sesuai"		

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36			TC 3.2.2	User skip login "Kata Sandi" Field	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User inputs login with right email or "Nomor Telepon" 4. User skip login "Kata Sandi" Field 5. Click "Masuk" button	Error message appears "Mohon masukan Kata Sandi"		
37			TC 3.2.3	User inputs login with right "Kata Sandi"	Positive	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User inputs login with right email or "Nomor Telepon" 4. User inputs login with right "Kata Sandi" 5. Click "Masuk" button	Success Login and go to home screen		
38	SC 3.3	Check All Fields at Login screen	TC 3.3.1	User skip All Fields Login	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User skip All Fields Login 4. User click "Masuk" button	Error message appears "Mohon masukan data login"		
39	SC 3.4	Check Login "Lupa Password" link	TC 3.4.1	User login click "Lupa Password" link	Positive	1. User success fill all field at registration screen	Can continue to "Lupa Password" screen		

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						2. User success fill all field at phone number verification screen 3. User login click "Lupa Password" link			
40	SC 3.5	Check Login "Butuh Bantuan" link	TC 3.5.1	User login click "Butuh Bantuan" link	Positive	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User login click "Butuh Bantuan" link	Can continue to "Butuh Bantuan" screen		
41	SC 3.6	Check "Batal" button	TC 3.6.1	User click "Batal" button	Negative	1. User success fill all field at registration screen 2. User success fill all field at phone number verification screen 3. User click "Batal" button	Back to Registration screen		

2. Size the testing effort needed by QA to complete the feature in Question no 1. (10%) ?

Module	Story	Story Points
Login	User Log in In Apps with email/Nomor telepon and password valid	3
Registration	If the user doesn't have an account, will registration new account	3
Phone Number Verification	Phone Number Verification with Verification Code	3
Total Estimated Effort		9

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3. Assuming that while you are doing some testing on the login page, you encountered some issues. (30%)

These issues are:

- After inputting correct credentials, when you press Masuk button, nothing Happened
- There is no “Lupa Password” button

How would you report these two issues? You are free to come up with different ways to report those issues based on your experience of writing defects.

Defect ID	Precondition	Step to Reproduce (STR)	Observed	Expected	Priority	Reporter	Date Created	Date Closed	Evidence Link	Additional Info
Bug001	User has a credential to login	1. User click "Sudah Punya Akun" link at Registration Screen 2. User Input Email/Nomor Telepon correctly 3. User Input Password correctly 4. User click “Masuk” Button	After User input Valid Email/Nomor Telepon and Password, then click “Masuk” button, nothing happened	After User input Valid Email/Nomor Telepon and Password, then click “Masuk” button, should be the Screen direct to Home Screen	High	Fitri	February, 5 2024	-	-	-Email: fitri.testers@work.id -Date: February, 5 2024 -User has try to another device
Bug002	User has a credential to login	1. User click "Sudah Punya Akun" link at Registration Screen 2. User want to click “Lupa Password” button	There is no “Lupa Password” button	“Lupa Password” button appear	Medium	Fitri	February, 5 2024	-	-	-Email: fitri.testers@work.id -Date: February, 5 2024 -User has try to another device

4. What is API Testing? What must be checked when performing API testing?

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API Testing is a software testing type that validates Application Programming Interfaces (APIs). The primary objective of API Testing is to check the functionality, reliability, performance, and security of the programming interfaces. API consists of a set of classes/functions/procedures representing the business logic layer. If API is not tested properly, it may cause problems not only in the API application, but also in the calling application. It stands as an essential examination within the realm of software engineering.

When performing API testing, several key aspects should be thoroughly checked to ensure the functionality, reliability, performance, and security of the Application Programming Interface (API), such as:

1. Functionality Testing
2. Reliability Testing
3. Performance Testing
4. Security Testing
5. Usability Testing
6. Scalability Testing
7. Compatibility Testing
8. Endurance Testing
9. Documentation Review
10. Error Handling Testing
11. Data Integrity Testing
12. Compliance Testing