

Myra Security QA challenge

I. Test Cases

a. Write 1 end-to-end test case which covers the happy path for the TFA activation.

TC_No	Scenario	Steps	Expected
TC_01	User is able to access the application after entering valid password and scanning the QR code with google authenticator	*Enter a valid password *Scan the qr code using google authenticator app	Succesfull login to application
TC_02	User is able to access the application after entering valid password and using valid token generated in authenticator app	*Enter a valid password *Use the token generated by google authenticator app	Succesfull login to application
TC_03	User is able to access the application after entering valid password and using one the recovery code stored in pasword manager	*Enter a valid password *Use the recovery code from password manager	Succesfull login to application

b. Write 3-4 test cases which will cover **the most interesting** edge cases in this process.

TC_No	Scenario	Steps	Expected
TC_01	Validate error when User enters an invalid password	*Enter an invalid password	Alert message displayed

TC_02	Validate error when User enters a valid password and does not authenticate in mobile	*Enter a valid password *not enter the token value	Alert message displayed
TC_03	Validate error when User enters a valid password and enter a invalid otp	*Enter a valid password *enter invalid otp	Alert message displayed
TC_04	Validate error when User enters a valid password and enter an invalid recovery token	*Enter a valid password *enter invalid recovery token	Alert message displayed

II. Requirements Review

1. Is there a date timestamp field to see when its going for a release.
2. buttons for save, approve and publish is it disabled for eg at draft stage only save is enabled and approve/publish is disabled.
3. If not disabled is there a possibility of clicking publish without clicking on approve
4. Each release has buttons for save/approve/publish?
5. Is there a time period till which you customer can view the updates?

III. Test Automation

1. Setup automation framework of your choice and implement <u>critical path</u> automation test.

Repo Location: <https://github.com/aarthi17/MyraSecurityCypress>

statusTestSuite:

Contains the below two test case

- a) To validate if the date displayed is the current date.
- b) To validate if the no logs message is displayed

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(Run Finished)

Spec                                Tests  Passing  Failing  Pending  Skipped
✓ examples/statusTestSuite.js      00:06    2        2        -        -        -
✓ All specs passed!                00:06    2        2        -        -        -
  
```

✓ Validate if current date is displayed

▼ BEFORE EACH

1	visit	https://status.myrasecurity.com/
	(xhr)	● GET 200 /api/category
	(xhr)	● GET 200 /api/case

▼ TEST BODY

1	get	h1
2	- invoke	.text()
3	- assert	expected Status for Monday, 4 July 2022 to include Status for Monday, 4 July 2022

✓ Validate the no log status

▼ BEFORE EACH

1	visit	https://status.myrasecurity.com/
	(xhr)	● GET 200 /api/category
	(xhr)	● GET 200 /api/case

▼ TEST BODY

1	contains	Maintenance
2	- click	
3	get	.status-messages
4	- find	>div
5	get	.no-results
6	- invoke	.text()
7	- assert	expected Nothing to report here. Nice! to include Nothing to report here. Nice!

2. Explain possible blockers or additional steps to take in order to assure full testing coverage.

- Given a way to access the logs entry in Database, we could also validate if the logs displayed are same as DB values