

**Gold Investment Platform**

Quality Control Engineer Assessment

1. What are the key items used to write a well-defined test case?  
     
   1. Name   
   2. Objective  
   3. Preconditions  
   4. Test steps  
   5. Test data  
   6. Expected Result  
   7. Traceability (To link the test case with its relevant user story)  
   8. Owner (The tester who writes the test case)
2. What are the key items used to write a well-defined defect?  
     
   1. Name   
   2. Status  
   3. Affected version   
   4. Reporter  
   5. Assignee  
   6. Steps to reproduce  
   7. Expected Result  
   8. Actual Result  
   9. Traceability (To link the bug with its relevant test case and user story)  
   10. Attachments   
   11. Priority  
   12. Severity  
   13. Operating System
3. When can we automating test cases in project in following cases:
   1. Project is web interface:  
        
      - If we have to perform Regression Testing several times with a high number of TCs  
      - If the project’s scope is large in order to automate the TCs  
      - If the project’s budget is sufficient to perform Automation Testing  
      - If the company has the sufficient number of the expertise or the ability to acquire experience testers in UI automation tools as Selenium
   2. Project is Backend testing only  
        
      - To assure that we get the right response for each request (Happy scenarios and Unhappy scenarios)  
      - To check that the data are created, updated or deleted in the system’s database  
      - If the company has the sufficient number of the expertise or the ability to acquire experience testers in Backend automation tools as Rest-assured
4. What is the difference between Selenium and Appium?  
     
   - Selenium: is used to automate the Web-based testing  
   - Appium: is used to automate the mobile applications’ testing
5. Better to run API testing using JMeter or Postman? And why?  
     
   - It’s better to use Postman; as it’s a tool used to test the APIs. While, JMeter is used in the performance testing

1. Please list the test cases to test following scenario
   1. We are providing a web site that is used by citizens to request Astra-Zenica Serum
   2. Site support both languages (English and Arabic)
   3. Using certain URL, citizen will access the page and he will be asked to fill a form
   4. Form will include the following details: -
      1. Full Name\* (support Arabic and English – characters only – till 60 characters)
      2. Birthdate\* (support date only – calendar item – should be earlier than today)
      3. Job\* (drop down list includes (Employee – Not employee - Pensioner))
      4. Address \* (Free text box support up to 100 characters)
      5. National ID\Passport \* (drop down list and by selecting validation will be done on next field)
      6. Text box to enter either National ID or Passport number\*  
         1. In case National ID: Should accept 14 digits only – all numbers
         2. In case of Passport: should accept up to 9 digits including characters and numbers only
      7. Nationality \* (drop down list include all available nationalities)
      8. Suffer from medical issues\* (drop down list includes chronic diseases- non-chronic diseases - None)
      9. Diseases\* (Free text – will be enabled in case selecting non-chronic diseases or chronic diseases)
      10. Submit – Cancel – Reset buttons

\* All Fields are mandatory

* 1. Once fill all details, and submit the request a Request ID will be automatically generated to track the order
  2. User can access the site dashboard and check the request status or withdraw\cancel the request as soon as request is not processed by the admin
  3. Request status can be submitted\under checking\Approved\Rejected with reason (reason should be mentioned)
  4. Citizen can’t request more than 1 request using same National ID\Passport as soon as the initial one status is submitted or under checking or approved …. Only can be requested if the initial one was rejected

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