Question 1
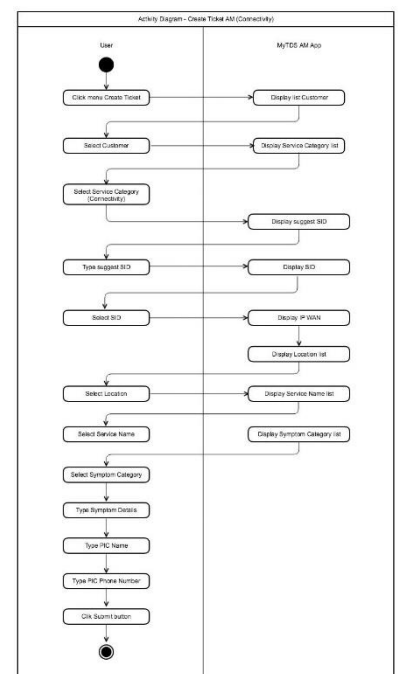
Based on your experience as a QA.

   a) Explain in about SDLC, STLC and their differences
   - SDLC is a process that produces software with the highest quality and lowest cost in the shortest time possible.
   - STLC is a process used to test software and ensure that quality standards are met.
   - SDLC deals with development/coding of the software while STLC deals with validation and verification of the software.
   b) Explain the steps for Bug Cycle?
   - Once the bug is identified by the tester, it is assigned to the development manager in open status
   - If the bug is a valid defect the development team will fix it.
   - If it is not a valid defect, the defect will be ignored and marked as rejected
   - The next step will be to check whether it is in scope. If the bug is not the part of the current release then the defects are postponed
   - If the defect or bug is raised earlier then the tester will assign a DUPLICATE status
   - When bug is assigned to developer to fix, it will be given a IN-PROGRESS status
   - Once the defect is repaired, the status will change to FIXED at the end the tester will give CLOSED status if it passes the final test
   c) Give us Real Case about Severity and Priority
   - High Priority and High Severity Case : The login button of the application is not working.
   - High Priority and Low Severity Case : Company logo not showing
   - Low Priority and High Severity Case : There are some buttons on the website which are overlapping, although clickable.
   - Low Priority and Low Severity Case : A spelling mistake on the page of the site which is not frequently visited.
   d) Give us explanation about Equivalence Partitioning & Boundary Value Analysis testing techniques
   - Equivalence partitioning testing is a software testing technique which divides the application input test data into each partition at least once of equivalent data from which test cases can be derived.
   - Boundary Value Analysis is a test case design techniques for test the boundary values as the input values near the boundary have higher chances of error.

Question 2

as a QA, how to make a test scenario (Negative and positive cases) based on the activity diagram on the side?

   - Make sure the page has the add ticket button
   - Verify that the user can create a ticket
   - Verify that the user can select customer attributes
   - Verify that the user can select the service category attribute
   - Verify that the user can enter the SUGGEST SID
   - Verify that the user can select the SID
   - Verify that the user can select the location
   - Verify that the user can choose a service name
   - Verify that the user can select the symptom category
   - Verify that the user can enter symptom details
   - Verify that user can enter PIC Name
   - Verify that user can enter PIC Phone Number
   - Make sure all customer text, service category, suggest sid, sid, ip wan location, service name, symptom category are clearly visible

Activity Diagram - Create Ticket AM (Connectivity)

- Verify that the service category list page has the relevant categories listed in that category.
- Verify the page has a Submit button
- Verify that not filling in the required fields and clicking the Submit button will cause a validation error
- Verify that the submit button is working properly

Question 3

You are testing a new version of software for a coffee machine. The machine can prepare different types of coffee based on four categories. i.e., coffee size, sugar, milk, and syrup. The criteria are

as follows:

- Coffee Temperature should be about 78%
- Coffee size (small, medium, large)
- Sugar (none, 1 unit, 2 units, 3 units, 4 units)
- Milk (yes or no)
- Coffee flavor syrup (no syrup, caramel, hazelnut, vanilla)
- Sugar (3 and 4 Units) cannot add Coffee flavor syrup And now we have some issues:
- You can add Coffee flavor syrup when sugar is 3 Units
- The coffee temperature is below 78 %

QUESTION:

As a QA:

a) Describe how a test scenario can ensure that all test coverage is covered?
- Verify the temperature requirements are correct
- Make sure the coffee size fits the category
- Make sure the sugar fits the category
- Make sure milk is available
- Make sure the coffee flavored syrup fits the category

b) How do you identification issue and write defect report from the following information?
- Title: Low coffee temperature.
- Short summary: When You can add Coffee flavor syrup when sugar is 3 Units. The coffee temperature is below 78 %
- Expected result: The temperature of coffee should be about 78%
- Degree of risk: Medium
- Priority: Normal

Question 4

Mock API

```
1   {
2       "data": {
3           "id": "2",
4           "email": "janet.weaver@reqres.in",
5           "first_name": "Janet",
6           "lastName": "Weaver",
7           "avatar": "https://reqres.in/img/faces/2-image.jpg"
8       },
9       "support": {
10          "url": "https://reqres.in/#support-heading",
11          "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
12      }
13  }
```

Real API:

https://reqres.in/api/users/2

a) As a QA, Please compare between MockAPI and Real API.
   Is there any difference?explain it
   - There is a difference in naming the path in the json, it should be last_name not lastName. although the value on the object is correct, namely "Weaver" but when verifying the element on the json path the actual property in the locator is last_name.
b) If there are differences, what defects will appear?
   - If we do the test the result failed : Expected element property value 'Weaver' is not equal with actual property value 'null'.

Question 5

Create 5 Scenario Test from https://demo.midtrans.com/ with Gherkin Language and attach the results of the test report?

Feature :	Login functionality of Midtrains
Given :	I am sign up a new user
When :	I enter business name as business name
And :	I enter full name as full name
And :	I enter business email as email
And :	I enter business phone number as business phone number
And :	I enter the password as the password
And :	I enter the confirm password as password
And :	I click button register
Then :	I should be redirected to the home page of midtrains

What's new

Website Toko Online untuk Bisnis, Apa Pentingnya?

Apa Itu Disbursement Dalam Transaksi Bisnis? Berikut ini Penjelasan...

Manajemen Keuangan Adalah Kunci Kesuksesan Bisnis, Ini 5 Alasannya

Brand Adalah Jiwa Sebuah Bisnis. Ini Cara Membangunnya

Log In

Please check your inbox. A message with a confirmation link has been sent to your email address. Please open the link to activate your account.

EMAIL ADDRESS

user@mail.com

PASSWORD

******

Log me in

By proceeding, You understand and agree to Our use of the information that You submit in accordance with the provisions of the Privacy Policy.

Forgot your password? click here

Resend Confirmation Instructions

EN | ID

Feature :	Login functionality of Midtrains
Given :	I am sign up a new user but no enter business name
When :	I enter business name as null
And :	I enter full name as full name
And :	I enter business email as email
And :	I enter business phone number as business phone number
And :	I enter the password as the password
And :	I enter the confirm password as password
And :	I click button register
Then :	Should be show error validation

ılı midtrans

Registration

The email & telephone number provided will be used to login to the Midtrans portal, receive reports, validate bank account, and many more.

BUSINESS NAME

Enter your business name

Merchant name can't be blank

FULL NAME

Nurdiansyah

BUSINESS EMAIL

nurdiansyah.st@gmail.com

We will send a verification link to this email

BUSINESS PHONE NUMBER

+62   85716551424

PASSWORD

Enter your password

Minimum 8 characters including capital & small letters (A-Z), (a-z), and numbers (1-9)

CONFIRM PASSWORD

Please retype your password

Minimum 8 characters including capital & small letters (A-Z), (a-z), and numbers (1-9)

Register

Already have an account? Login

EN | ID

Feature :	Login functionality of Midtrains
Given :	I am sign up a new user but no enter full name
When :	I enter business name as business name
And :	I enter full name as null
And :	I enter business email as email
And :	I enter business phone number as business phone number
And :	I enter the password as the password
And :	I enter the confirm password as password
And :	I click button register
Then :	Should be show error validation

Feature :	Login functionality of Midtrains
Given :	I am sign up a new user but enter invalid email
When :	I enter business name as business name
And :	I enter full name as full name
And :	I enter business email as invalid email format
And :	I enter business phone number as business phone number
And :	I enter the password as the password
And :	I enter the confirm password as password
And :	I click button register
Then :	Should be show error validation

Feature :	Login functionality of Midtrains
Given :	I am sign up a new user but enter weak password
When :	I enter business name as business name
And :	I enter full name as full name
And :	I enter business email as email
And :	I enter business phone number as phone number
And :	I enter the password as the weak password
And :	I enter the confirm password as weak password
And :	I click button register
Then :	Should be show error validation