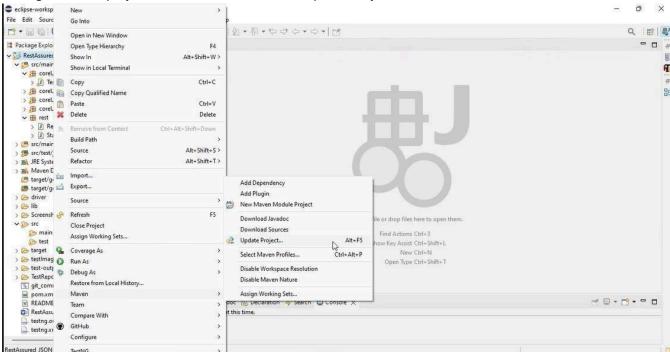
# RestAssured API Automation Project

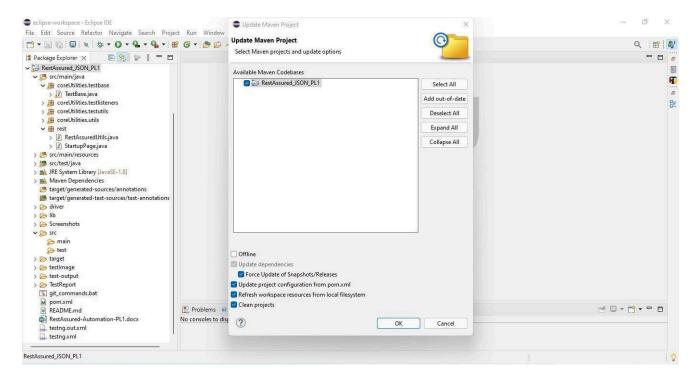
## Pre-requisite:

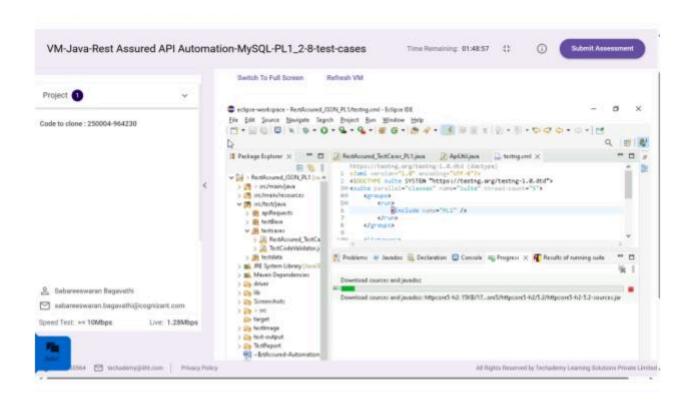
As soon as you import a project in eclipse, update the project using the maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

1. Right click on project : Go to "Maven" : Select "Update Project"



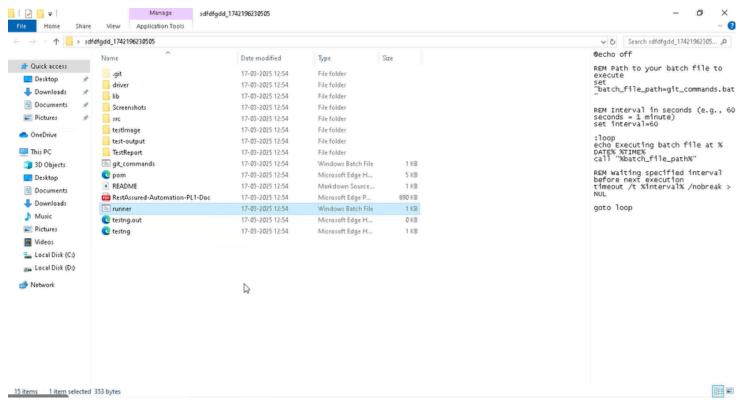
2. In Update Maven Project Box Select "Force Update of Snapshots/Releases" and click OK

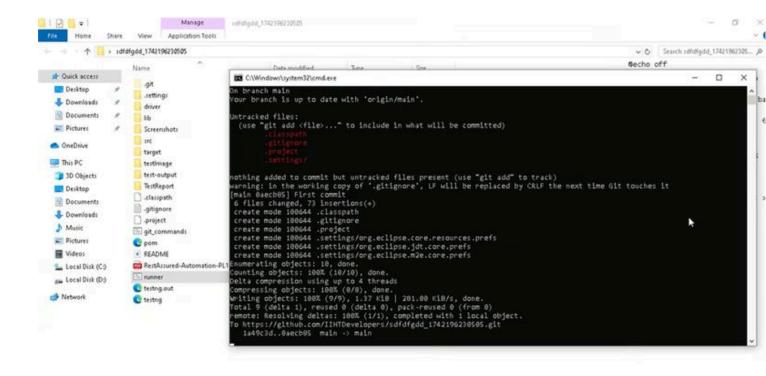




**Note:** Once all the project dependencies are downloaded you may find certain documentation jar files getting downloaded which may continue for a longer time. This is the known behaviour. This will not block your application development activity. You can ignore it and continue working on your application.

\*\* Before starting any implementation. Please execute this "runner" file present in the cloned folder. This will keep pushing the changes at regular intervals.





Witness 1 Steen calculated 252 Status

THE N

# Template Code Structure:

- a. Below are the packages and files you will be required to work upon.
- b. Other Files and packages you can ignore.
- **c.** In other Files and packages do not do any changes. It would affect your evaluation.
- d. You are not required to work in the "Test" Folder. Files there are non- editable. Editing those files and trying to save them will throw error and would affect your evaluation.

Package	Class/File	Description
/src/main/java/rest	ApiUtil.java	<ol> <li>All core activities to be performed here.</li> </ol>
		2. The comments associated with each templated method here describe the expectation.
		3. Declare any variable/object you need to share data/status between different methods.
		4. Do not modify the signature of methods declared here.
		5. You can create additional supportive common methods in CommonEvents class.
/src/main/java/rest	AuthUtil.java	<ol> <li>Class already defined to read and return bearer token from</li> </ol>

		config.properties file.
/src/main/java/rest/	CustomResponse	We have already created custom
		response object class. You need to

		use this and use it as return type from ApiUti.java class methods.
/src/main/resources/	Config.xlsx	Data present to be used in Implementing functions.
/src/main/java/coreUtilities/utils	CommonEvents.java	<ol> <li>Contains all common activities.</li> <li>Certain templated common methods declared here.</li> <li>You implement them as per your need.</li> <li>You can add any additional method for common activity here.</li> </ol>
	Testng.xml	Execution needs to kick started from TestNG xml

### PROBLEM STATEMENT

Need to automate the following activities using RestAssured.

# Key Activities to implement:

Below activities need to be implemented in the ApiUtil.java file present in src/main/java/rest package.

	SI	Summary	Action	Expected Result
-	No.			

		_		5
1	Create an Appointment with	1.	Create an URL by combining the	- Returns an object of type
	Authorization in Method:		BASE_URL (already declared) and	CustomResponse
			path parameter (provided as an	containing statusCode,
	createAppointmentWithAuth(		argument in method). The final	status, appointmentId and
	String endpoint, Object body)		URL becomes as follows:	the complete Response
			https://healthapp.yaksha.com/	object.
			api/Appointment/AddAppointm	
				- StatusCode should be 200.
		١,	ent	- Statuscode should be 200.
		2.	Include a bearer token for	
			authentication in authorization	- Status should be OK.
			header.	
		3.	Trigger a POST call to the specified	- AppointmentId should not
			endpoint.	be null and should not be
		4.	Create an object of type	empty.
		''	CustomResponse and initialize it	1 ,
			with values extracted from the	
			Response object:	
			• Response	
			<ul> <li>StatusCode (extracted from</li> </ul>	
			Response object)	
			<ul> <li>Status (extracted from</li> </ul>	
			Response object)	
			<ul> <li>AppointmentId (extracted</li> </ul>	
			from Response object)	
		_		
		5.	Return the CustomResponse object	
			from the method.	
2	Get All Applicable Doctors	1.	Create an URL by combining the	- Returns an object of type
2	with Authorization in	1.	BASE_URL (already declared) and	CustomResponse
2		1.	BASE_URL (already declared) and path parameter (provided as an	CustomResponse containing statusCode,
2	with Authorization in	1.	BASE_URL (already declared) and	CustomResponse
2	with Authorization in	1.	BASE_URL (already declared) and path parameter (provided as an	CustomResponse containing statusCode,
2	with Authorization in Method:	1.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:	CustomResponse containing statusCode, status, results and the
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	1.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a	CustomResponse containing statusCode, status, results and the complete Response object.
2	with Authorization in Method: getAllApplicableDoctorsWit	1.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Visit/AppointmentApplicable	CustomResponse containing statusCode, status, results and the
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,		BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Visit/AppointmentApplicable Doctors	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Visit/AppointmentApplicable Doctors Include a bearer token for	CustomResponse containing statusCode, status, results and the complete Response object.
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,		BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header.	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint.	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint.	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method: getAllApplicableDoctorsWit hAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from Response object)	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from Response object) • Status (extracted from	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from Response object)	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from Response object) • Status (extracted from	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from Response object) • Status (extracted from Response object)	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object) Results of type List <map<string, object="">&gt;</map<string,>	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
2	with Authorization in Method:  getAllApplicableDoctorsWithAuth(String endpoint,	2.	BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a pi/Visit/AppointmentApplicable Doctors Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object) Results of type	CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null

		_	Deturn the Custom Despense	
		5.	Return the CustomResponse object from the method.	
3	Cancals an ovisting	1	Create an URL by combining the	Datums an object of type
3	Cancels an existing appointment with	1.	BASE_URL (already declared) and	<ul> <li>Returns an object of type</li> <li>CustomResponse</li> </ul>
	Authorization in Method:		path parameter (provided as an	containing statusCode,
	Authorization in Method.		argument in method). The final	status, resultMessage and
	cancelAppointmentWithAuth(		URL becomes as follows:	the complete Response
	String endpoint, Object body)		https://healthapp.yaksha.com/a	object.
	String enapoint, Object body)		pi/Appointment/AppointmentStat	object.
			us?appointmentId=	- StatusCode should be 200.
			appointmentId&status=cancelled	- Statuscode should be 200.
		2.	Include a bearer token for	- Status should be OK.
		۷.	authentication in authorization	- Status should be OK.
			header.	- ResultMessage should not
		3.	Trigger a PUT call to the specified	be null and should not be
		٥.	endpoint.	empty.
		Δ	Create an object of type	empty.
			CustomResponse and initialize it	
			with values extracted from the	
			Response object:	
			Response	
			StatusCode (extracted from	
			Response object)	
			Status (extracted from	
			Response object)	
			ResultMessage (extracted)	
			from Response object)	
		5.	Return the CustomResponse object	
		fron	n the method.	
4	Finds if there is any clashing	1.	Create an URL by combining the	- Returns an object of type
	appointment with		BASE_URL (already declared) and	CustomResponse
	Authorization in Method:		path parameter (provided as an	containing statusCode,
			argument in method). The final	status, resultMessage and
	clashAppointmentWithAuth(St		URL becomes as follows:	the complete Response
	ring endpoint, Object body)		https://healthapp.yaksha.com/a	object.
			pi/Appointment/CheckClashingAp	
			pointment?patientId=patientId&r	- StatusCode should be 200.
			equestDate=requestDate&perfor	
			merld=performerld	- Status should be OK.
		2.	Include a bearer token for	
			authentication in authorization	- ResultMessage should not
		_	header.	be null and should not be
		3.	Trigger a GET call to the specified	empty.
		_	endpoint.	
		4.	Create an object of type	
			CustomResponse and initialize it	
			with values extracted from the	
			Response object:	
			Response     Status Code (outracted from	
			StatusCode (extracted from  Pospopse object)	
			Response object)	

			Status (extracted from Response object)	
			ResultMessage (extracted	
		۱_	from Response object)	
			Return the CustomResponse object the method.	
5				Datums an object of type
	Searches for a patient using specified query parameters	1.	Create an URL by combining the BASE_URL (already declared) and	<ul> <li>Returns an object of type</li> <li>CustomResponse</li> </ul>
	with Authorization in Method:		path parameter (provided as an	containing statusCode,
	with Authorization in Method.		argument in method). The final	status, results and the
	searchPatientWithAuth(String		URL becomes as follows:	complete Response object.
	endpoint, Object body)		https://healthapp.yaksha.com/a	
			pi/Patient/SearchRegisteredPatie	- StatusCode should be 200.
			nt?search=Test	
		2.	Include a bearer token for	- Status should be OK.
			authentication in authorization	
			header.	- Results should not be null
		3.	Trigger a GET call to the specified endpoint.	and should not be empty.
		4.	Create an object of type	
		''	CustomResponse and initialize it	
			with values extracted from the	
			Response object:	
			Response	
			<ul> <li>StatusCode (extracted from</li> </ul>	
			Response object)	
			<ul> <li>Status (extracted from</li> </ul>	
			Response object)	
			<ul> <li>Results of type</li> </ul>	
			List <map<string, object="">&gt;</map<string,>	
			(extracted from Response	
			object)	
		5.	Return the CustomResponse object	
		_	n the method.	
6	Retrieves a list of	1.	Create an URL by combining the	- Returns an object of type
	appointments for a specified		BASE_URL (already declared) and	CustomResponse
	performer within a given date		path parameter (provided as an	containing statusCode,
	range with Authorization in		argument in method). The final	status, results and the
	Method:		URL becomes as follows:	complete Response object.
	h a a leigad i at Mith A ceth la Daga a a /C		https://healthapp.yaksha.com/a	Status Code abould be 200
	bookingListWithAuthInRange(S	1	pi/Appointment/Appointments?F	- StatusCode should be 200.
	tring endpoint, Object body)		<pre>romDate=dateFiveDaysBeforeStr&amp; ToDate=currentDateStr&amp;performe</pre>	- Status should be OK.
			rid=performerid&status=new	- Status siloulu De OK.
		2.	Include a bearer token for	- Results should not be null
		<u> </u>	authentication in authorization	and should not be empty.
			header.	and should not be empty.
		3.	Trigger a GET call to the specified	
		J .	endpoint.	
		4.	Create an object of type	
			CustomResponse and initialize it	
			and the same area area.	

		with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object) Results of type List <map<string, object="">&gt; (extracted from Response object) Return the CustomResponse object from the method.</map<string,>	
7	Retrieves the complete list of stock details from the pharmacy with Authorization in Method:  AllStockDetailsWithAuth(String endpoint, Object body)	1. Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:	- Returns an object of type CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null and should not be empty.
8	Retrieves details of the main store in the pharmacy settings with Authorization in Method:  MainStoreDetailsWithAuth(String endpoint, Object body)	<ol> <li>Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/PharmacySettings/MainStore</li> <li>Include a bearer token for authentication in authorization header.</li> <li>Trigger a GET call to the specified endpoint.</li> </ol>	<ul> <li>Returns an object of type CustomResponse containing statusCode, status, results and the complete Response object.</li> <li>StatusCode should be 200.</li> <li>Status should be OK.</li> <li>Results should not be null and should not be empty.</li> </ul>

		<ul> <li>4. Create an object of type     CustomResponse and initialize it     with values extracted from the     Response object:         <ul> <li>Response</li> <li>StatusCode (extracted from Response object)</li> <li>Status (extracted from Response object)</li> <li>Results of type Map<string,< th=""><th></th></string,<></li></ul></li></ul>	
9	Retrieves a list of pharmacy stores and verifies the details of each store with Authorization in Method:  PharmacyStoresWithAuth(String endpoint, Object body)	<ol> <li>Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:         <ul> <li>https://healthapp.yaksha.com/api/Dispensary/PharmacyStores</li> </ul> </li> <li>Include a bearer token for authentication in authorization header.</li> <li>Trigger a GET call to the specified endpoint.</li> <li>Create an object of type CustomResponse and initialize it with values extracted from the Response object:         <ul> <li>Response</li> <li>StatusCode (extracted from Response object)</li> <li>Status (extracted from Response object)</li> <li>Results of type List<map<string, object="">&gt; (extracted from Response object)</map<string,></li> </ul> </li> <li>Return the CustomResponse object from the method.</li> </ol>	<ul> <li>Returns an object of type CustomResponse containing statusCode, status, results and the complete Response object.</li> <li>StatusCode should be 200.</li> <li>Status should be OK.</li> <li>Results should not be null and should not be empty.</li> </ul>
10	Retrieves and verifies patient consumption details with Authorization in Method:  PatientConsumption(String endpoint, Object body)	<ol> <li>Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:         https://healthapp.yaksha.com/api/PatientConsumption/PatientConsumptions     </li> <li>Include a bearer token for authentication in authorization header.</li> </ol>	<ul> <li>Returns an object of type         CustomResponse         containing statusCode,         status, results and the complete Response object.     </li> <li>StatusCode should be 200.</li> <li>Status should be OK.</li> <li>Results should not be null</li> </ul>

	<del> </del>		<del>,</del>
11	Activates a pharmacy counter	<ul> <li>3. Trigger a GET call to the specified endpoint.</li> <li>4. Create an object of type CustomResponse and initialize it with values extracted from the Response object: <ul> <li>Response</li> <li>StatusCode (extracted from Response object)</li> <li>Status (extracted from Response object)</li> <li>Results of type List<map<string, object="">&gt; (extracted from Response object)</map<string,></li> </ul> </li> <li>5. Return the CustomResponse object from the method.</li> <li>1. Create an URL by combining the</li> </ul>	and should not be empty.  - Returns an object of type
	Activates a pharmacy counter using counter details with Authorization in Method:  ActivatePharmCount(String endpoint, Object body)	<ol> <li>Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:         <ul> <li>https://healthapp.yaksha.com/api/Security/ActivatePharmacyCounter?counterId=counterId&amp;counterName</li> </ul> </li> <li>Include a bearer token for authentication in authorization header.</li> <li>Trigger a PUT call to the specified endpoint.</li> <li>Create an object of type         <ul> <li>CustomResponse and initialize it with values extracted from the Response object:</li></ul></li></ol>	- Returns an object of type CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null and should not be empty.
12	Deactivates a pharmacy counter with Authorization in Method:  DeactivatePharmCount(String endpoint, Object body)	1. Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Security/DeactivatePharmacyC	- Returns an object of type CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.

	<del>i</del>	_		-
			ounter Include a bearer token for authentication in authorization header. Trigger a PUT call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response • StatusCode (extracted from Response object) • Status (extracted from Response object) • Results of type Map <string, object=""> (extracted from Response object) Return the CustomResponse object of the method.</string,>	- Status should be OK.  - Results should not be null and should not be empty.
13	Retrieves and verifies the list of appointment applicable departments with Authorization in Method:  AppointApplicDept( String endpoint, Object body)	<ol> <li>2.</li> <li>4.</li> </ol>	Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/Master/AppointmentApplicableDepartments Include a bearer token for authentication in authorization header. Trigger a GET call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object) Results of type List <map<string, object="">&gt; (extracted from Response object) Return the CustomResponse ext from the method.</map<string,>	- Returns an object of type CustomResponse containing statusCode, status, results and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null and should not be empty.

14	Retrieves and verifies the list	1.	Create an URL by combining the	- Returns an object of type
	of currently admitted patients		BASE_URL (already declared) and	CustomResponse
	with Authorization in Method:		path parameter (provided as an	containing statusCode,
			argument in method). The final	status, results and the
	admittedPatientData		URL becomes as follows:	complete Response object.
	(String endpoint, Object body)		https://healthapp.yaksha.com/a	complete Response object.
	(String enapoint, Object body)			- StatusCode should be 200.
			pi/Admission/AdmittedPatientsD	- Statuscode should be 200.
			ata?admissionStatus=admitted	
		2.	Include a bearer token for	- Status should be OK.
			authentication in authorization	
			header.	- Results should not be null
		3.	Trigger a GET call to the specified	and should not be empty.
			endpoint.	. ,
		4.	Create an object of type	
			CustomResponse and initialize it	
			with values extracted from the	
			Response object:	
			<ul> <li>Response</li> </ul>	
			<ul> <li>StatusCode (extracted from</li> </ul>	
			Response object)	
			<ul> <li>Status (extracted from</li> </ul>	
			Response object)	
			<ul> <li>Results of type</li> </ul>	
			List <map<string, object="">&gt;</map<string,>	
			(extracted from Response	
			•	
1				
		_	object)	
		5.	Return the CustomResponse	
		obje	Return the CustomResponse ect from the method.	
15	Adds a new currency using the	obje	Return the CustomResponse ect from the method.  Create an URL by combining the	- Returns an object of type
15		obje	Return the CustomResponse ect from the method.	- Returns an object of type CustomResponse
15	Adds a new currency using the	obje	Return the CustomResponse ect from the method.  Create an URL by combining the	
15	Adds a new currency using the provided data with	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and	CustomResponse
15	Adds a new currency using the provided data with Authorization in Method:	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an	CustomResponse containing statusCode, status, restults and the
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:	CustomResponse containing statusCode,
15	Adds a new currency using the provided data with Authorization in Method:	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/a	CustomResponse containing statusCode, status, restults and the complete Response object.
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency	CustomResponse containing statusCode, status, restults and the
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	obje	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization	CustomResponse containing statusCode, status, restults and the complete Response object.
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	obje 1.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	obje	Return the CustomResponse ext from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it with values extracted from the	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it with values extracted from the Response object:  • Response	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object)	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header. Trigger a POST call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header. Trigger a POST call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object)	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows:  https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header.  Trigger a POST call to the specified endpoint.  Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object) Results of type Map <string,< th=""><th>CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null</th></string,<>	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null
15	Adds a new currency using the provided data with Authorization in Method: addCurrencyWithAuth(String	2.	Return the CustomResponse ect from the method.  Create an URL by combining the BASE_URL (already declared) and path parameter (provided as an argument in method). The final URL becomes as follows: https://healthapp.yaksha.com/api/InventorySettings/Currency Include a bearer token for authentication in authorization header. Trigger a POST call to the specified endpoint. Create an object of type CustomResponse and initialize it with values extracted from the Response object:  Response StatusCode (extracted from Response object) Status (extracted from Response object)	CustomResponse containing statusCode, status, restults and the complete Response object.  - StatusCode should be 200.  - Status should be OK.  - Results should not be null

		E 7	Poturn the Custom Posnesse shipst			
	5. Return the CustomResponse object from the method.					
16	Finds if a patient with the		Create an URL by combining the	- Returns an object of type		
	requested phone number		BASE_URL (already declared) and	CustomResponse		
	already exists with		path parameter (provided as an	containing statusCode,		
	Authorization in Method:		argument in method). The final	status, results and the		
			URL becomes as follows:	complete Response object.		
	findMatchingPatientWithAuth		https://healthapp.yaksha.com/a			
	(String endpoint, Object body)		pi/Patient/MatchingPatients?First	- StatusCode should be 200.		
			Name=firstName&LastName=last			
			Name <b>&amp;PhoneNumber=</b> phoneNum	- Status should be OK.		
			ber <b>&amp;Age</b> =age <b>&amp;Gender</b> =gender <b>&amp;Is</b>			
			Insurance=isInsurance&IMISCode	- Results should not be null		
			=imisCode	and should not be empty.		
			Include a bearer token for			
			authentication in authorization			
			header.			
			Trigger a GET call to the specified			
			endpoint.			
			Create an object of type CustomResponse and initialize it			
			with values extracted from the			
			Response object:			
			Response			
			StatusCode (extracted from			
			Response object)			
			Status (extracted from			
			Response object)			
			Results of type			
			List <map<string, object="">&gt;</map<string,>			
			(extracted from Response			
			object)			
		5.	Return the CustomResponse			
	object from the method.					
17	Lists all registered patients and		Create an URL by combining the	- Returns an object of type		
	checks if their patient IDs are		BASE_URL (already declared) and	CustomResponse		
	unique with Authorization in		path parameter (provided as an	containing statusCode,		
	Method:		argument in method). The final	status, results and the		
	makDa miaka na al Dastiano e Marello A		URL becomes as follows:	complete Response object.		
	getRegisteredPatientsWithAut		https://healthapp.yaksha.com/a	StatusCode should be 200		
	h(String endpoint, Object		pi/Patient/SearchRegisteredPatie nt?search=	- StatusCode should be 200.		
	body)		nt:searcn= Include a bearer token for	- Status should be OK.		
			authentication in authorization	- Status Siloulu De OK.		
			header.	- Results should not be null		
			Trigger a GET call to the specified	and should not be empty.		
			endpoint.	and should not be empty.		
			Create an object of type			
			CustomResponse and initialize it			
			with values extracted from the			
			Response object:			
			Response			

		StatusCode (extracted from	
		Response object)	
		Status (extracted from	
		Response object)	
		Results of type	
		List <map<string, object="">&gt;</map<string,>	
		(extracted from Response	
		object)	
		5. Return the CustomResponse object	
		from the method.	
18	Retrieves and verifies the list	1. Create an URL by combining the	- Returns an object of type
	of Billing Counters with	BASE_URL (already declared) and	CustomResponse
	Authorization in Method:	path parameter (provided as an	containing statusCode,
		argument in method). The final	status, results and the
	getBillingCountersWithAuth(	URL becomes as follows:	complete Response object.
	String endpoint, Object body)	https://healthapp.yaksha.com/a	
		pi/billing/BillingCounters	- StatusCode should be 200.
		2. Include a bearer token for	
		authentication in authorization	- Status should be OK.
		header.	
		3. Trigger a GET call to the specified	- Results should not be null
		endpoint.	and should not be empty.
		4. Create an object of type	
		CustomResponse and initialize it	
		with values extracted from	
		Response object:	
		Response	
		StatusCode (extracted from	
		Response object)	
		Results of type List <map<string,< th=""><th></th></map<string,<>	
		Object>> (extracted from Response	
		object.	
		Status (extracted from Response	
		object)	
		5. Return the CustomResponse object	
		from the method.	

NOTE: "Please do not delete any file in the src folder. But you are free to add any other file".

# **Expectations:**

- Learners should write automation scripts using Java and REST Assured to automate the API testing for all the provided methods (e.g., GET, POST, PUT, DELETE). In other words, the automation script should perform all mentioned API interactions, including validation of responses.
- 2) Learners should not use any pre-built libraries or tools to validate API responses (e.g., JSON schema validation tools). They should manually validate the response content (e.g., status codes, response body, etc.) by writing their own logic for assertion.

## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

### 1.1 CODE QUALITY/OPTIMIZATIONS

- 1. Associates should have written clean code that is readable.
- 2. Associates need to follow SOLID programming principles.

## **EXECUTION STEPS TO FOLLOW**

- 1. You are mandatorily required to run test cases for applications before final submission. Without which project evaluation will not happen.
- 2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite