

To create a framework for validating the test data using the web services for the authentication module

Feature file:

**Feature:** Implement The Lesson End Project

**Scenario:** Rest API testing on reqres.in

**Given** User sends a Post request to create a user and validates status

**Given** User sends Get request to get a user and validates status

**Given** User sends a get request to get list of users and validates status

Steps:

```
package steps;
import java.io.ObjectInputFilter.Config;

import org.json.JSONObject;

import io.cucumber.java.en.Given;
import io.restassured.RestAssured;
import io.restassured.config.LogConfig;
import io.restassured.http.ContentType;
import io.restassured.internal.http.AuthConfig;
import static io.restassured.RestAssured.config;

public class LessonEndproject {

    @Given("User sends a Post request to create a user and validates status")
    public void
user_sends_a_post_request_to_create_a_user_and_validates_status() {
        JSONObject body = new JSONObject();
        body.put("name", "admin");
        body.put("job", "developer");

        RestAssured.given()
            .baseUrl("https://reqres.in")
            .basePath("/api/users")
            .contentType(ContentType.JSON)
            .body(body.toString())
            .when().post()
            .then().statusCode(201).log().ifError();
    }

    @Given("User sends Get request to get a user and validates status")
    public void
user_sends_get_request_to_get_a_user_and_validates_status() {
        JSONObject body = new JSONObject();
        body.put("email", "eve.holt@reqres.in");
        body.put("password", "pistol");
    }
}
```

```

        RestAssured.given() .baseUrl("https://reqres.in")
        .contentType(ContentType.JSON) .body(body.toString())
        .when().post("api/register")
        .then().statusCode(200)

        ;

    }

    @Given("User sends a get request to get list of users and validates
status")
    public void
user_sends_a_get_request_to_get_list_of_users_and_validates_status() {
        RestAssured.given()
        .baseUrl("https://reqres.in")
        .basePath("/api/unknown")
        .when().get()
        .then().statusCode(200).log().all();

    }

}

```

<https://github.com/madhuteja262000/assistedprojectphase1java/blob/master/RestRessured-master.zip>