QA Exercise

General Guidance:
- Upload the template projects to a private gitlab repository
- Add @RCDTS as a developer on the created project.
- All commit messages should follow the template of:
    SDE-{TASK_ID + Unique 3 digit code}: {COMMIT MESSAGE}
    e.g. SDE-0001: Uploaded initial project template
- Ensure that any added functionality or corrected errors have appropriately named JUnit tests to ensure they work.
- Where instructions are vague, reasonable assumptions should be made and documented.

The app can be run using the run_app.sh file and will be accessible from localhost:8090.
These tests will need to be implemented in the QA_Test project and should follow similiar patterns to those already present in the tests.

Task 1:
    GIVEN I am a user
    WHEN I type in the URL for the "addEvent" page
    THEN I want to be on the "addEvent" page

Task 2:
    GIVEN I am a tester
    AND I have been provided the endpoint spec for the create event endpoint
    WHEN I provide 5 different combinations of event details to the create event endpoint
    THEN I want these details to be visible on the index page

    For this test please create the 5 sets of data you wish to use.

    A basic spec for the create event endpoint follows:
    URL:
        http://localhost:8090/events/add
    HTTP Method & Query params:
        GET
            Query Params:
                eventName (String)
                eventDate (String in the format yyyy-MM-dd HH-mm)
                eventType (String)
                eventDesc (String)
    Behaviour:
        If successful the application will redirect the user to the main page (and the event should be visible)
        If unsuccessful the application will redirect the user to a general error page

Task 3:
GIVEN I am a tester
AND the above specification is unchanged
WHEN I test combinations of the above query params
THEN I want to create a series of test issue reports confirming to the below template

The template for reporting a test issue is as follows:
ID: {SURNAME} - {unqiue 4 digit code}
Summary: {A summary of the issue encountered}
Can be replicated:
TRUE / FALSE
Steps Taken:
- {If this is done via an automated test, please provide the code line that it occurs and the steps before and after}
- {If this is a manual test please outline all steps taken from a fresh instance of the application to create this error}
Version of the code the issue was found on:
{please use the latest git commit ID}