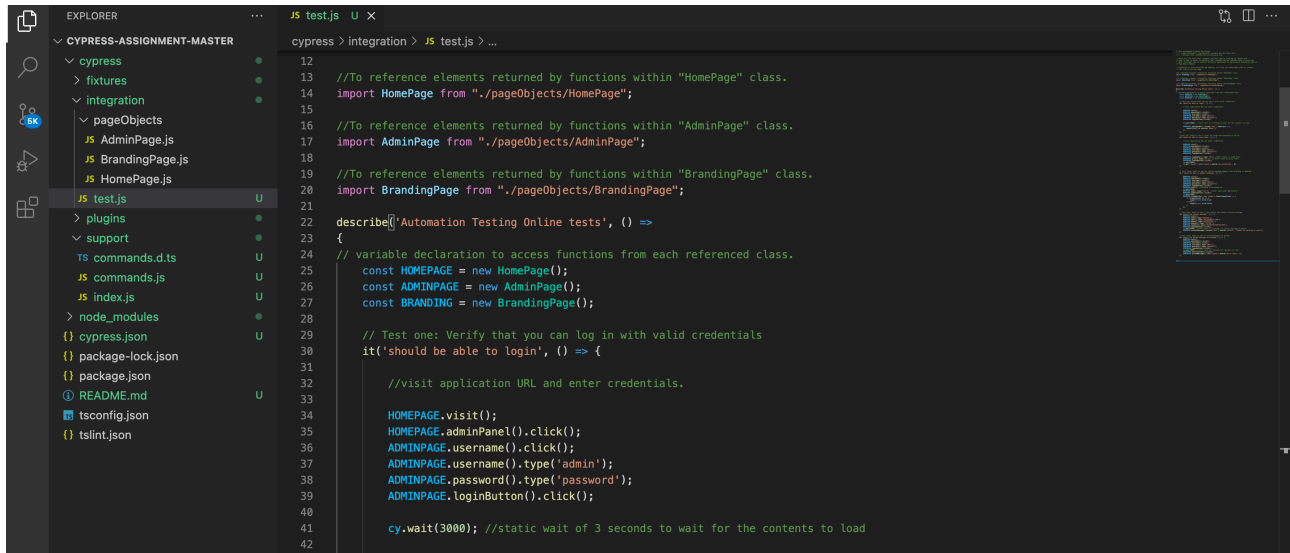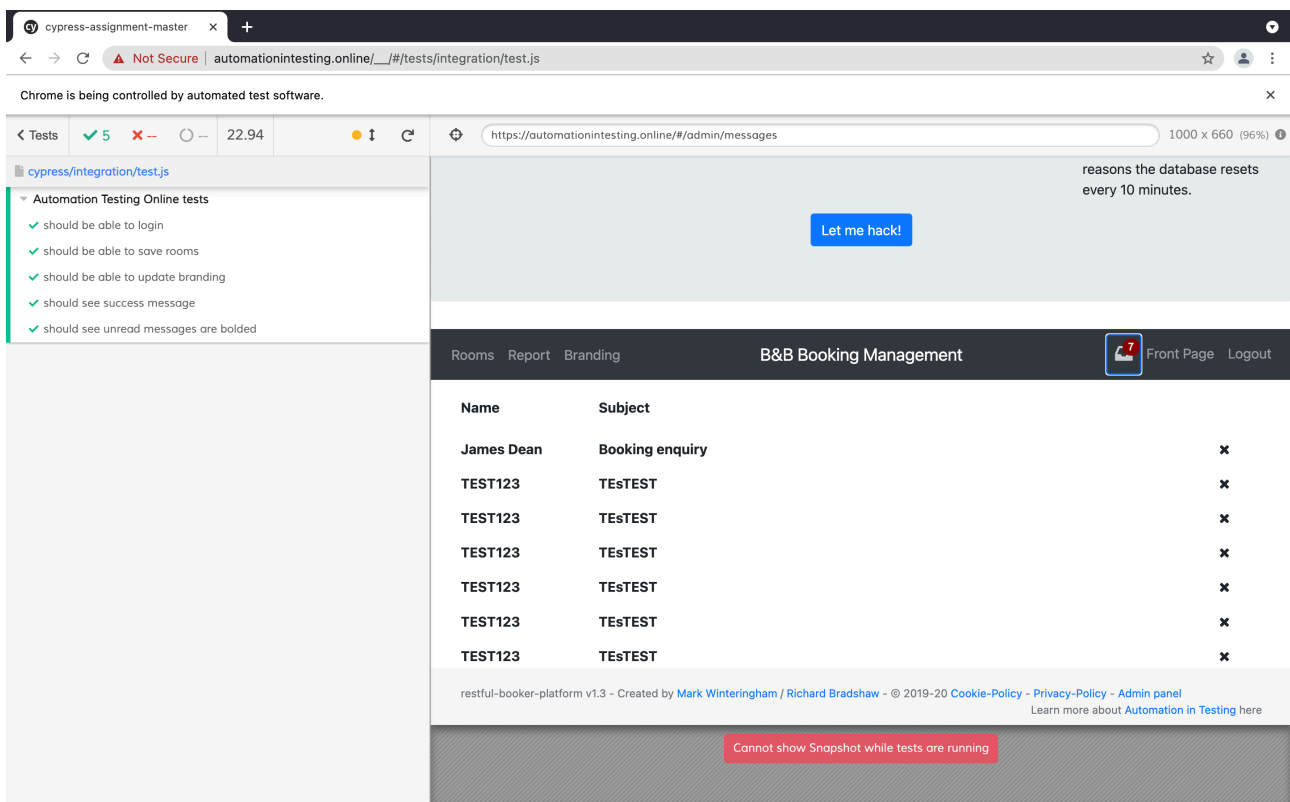# Cypress Assignment:

The tests have been refactored by putting the elements in different classes (based on page URLs of the application under test) and referencing them in test.js



Full code can be referred in the git repository.

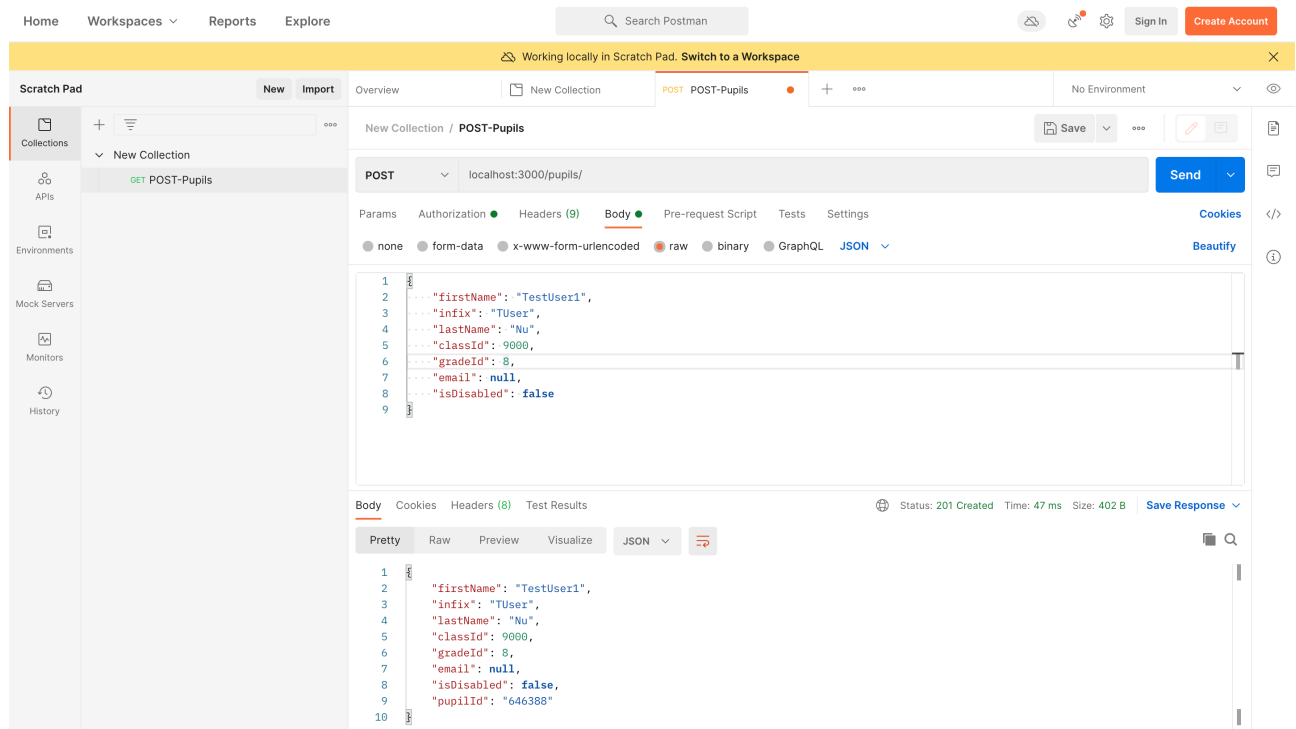Please refer the final screenshot of all tests passing in my local machine.

# API - Test

I was able to access API on localhost:/3000/pupils as per the given instructions in the readme file and perform post and delete operations via API.

**Initial contents** of the API can be seen below:





**post request to the API:**
And then this pupil record was indeed added:

{"firstName":"TestUser1","infix":"TUser","lastName":"Nu","classId":9000,"gradeId":8,"email":null,"isDisabled":false,"pupilId":"646388"}

## Delete Operation on API

Scratch Pad       New    Import

Overview          New Collection        POST POST-Pupils        DEL Delete-Pupil          +          No Environment

Collections

New Collection / Delete-Pupil                                    Save

New Collection

GET POST-Pupils          DELETE      localhost:3000/pupils/1420887                      Send

GET Delete-Pupil
APIs                     Params   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings                Cookies

Environments            Type          Basic Auth        Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative
                                                        environment, we recommend using variables. Learn more about variables
Mock Servers            The authorization header will be
                        automatically generated when you send the    Username        testCandidate
Monitors                request. Learn more about authorization
                                                                     Password        P@ssw0rd
History
                                                                              Show Password

Body   Cookies   Headers (5)   Test Results                         Status: 204 No Content   Time: 12 ms   Size: 175 B   Save Response

Pretty   Raw   Preview   Visualize   Text

1

## Screenshot Before Deletion

[{"pupilId":"1420887","firstName":"Newmcuser","infix":"NewMCUser","lastName":"Nu","classId":88034,"gradeId":8,"email":null,"isDisabled":false},
{"pupilId":"1420888","firstName":"Zerdarovic","infix":null,"lastName":"Biyikovskiy","classId":88034,"gradeId":8,"email":null,"isDisabled":false},
{"pupilId":"1420889","firstName":"Mcteam","infix":null,"lastName":"Test","classId":88035,"gradeId":6,"email":null,"isDisabled":false},
{"pupilId":"1420896","firstName":"Warren","infix":null,"lastName":"Barguil","classId":88041,"gradeId":5,"email":null,"isDisabled":false},
{"pupilId":"1420897","firstName":"Lillian","infix":null,"lastName":"Calmejean","classId":88041,"gradeId":5,"email":null,"isDisabled":false},
{"pupilId":"1420893","firstName":"Wim","infix":null,"lastName":"van der Horst","classId":88042,"gradeId":4,"email":null,"isDisabled":false},
{"pupilId":"1420894","firstName":"Willen","infix":null,"lastName":"Wever","classId":88042,"gradeId":4,"email":null,"isDisabled":false},
{"firstName":"TestUser1","infix":"TUser","lastName":"Nu","classId":9000,"gradeId":8,"email":null,"isDisabled":false,"pupilId":"646388"}]

## Screenshot after deletion

[{"pupilId":"1420888","firstName":"Zerdarovic","infix":null,"lastName":"Biyikovskiy","classId":88034,"gradeId":8,"email":null,"isDisabled":false},
{"pupilId":"1420889","firstName":"Mcteam","infix":null,"lastName":"Test","classId":88035,"gradeId":6,"email":null,"isDisabled":false},
{"pupilId":"1420896","firstName":"Warren","infix":null,"lastName":"Barguil","classId":88041,"gradeId":5,"email":null,"isDisabled":false},
{"pupilId":"1420897","firstName":"Lillian","infix":null,"lastName":"Calmejean","classId":88041,"gradeId":5,"email":null,"isDisabled":false},
{"pupilId":"1420893","firstName":"Wim","infix":null,"lastName":"van der Horst","classId":88042,"gradeId":4,"email":null,"isDisabled":false},
{"pupilId":"1420894","firstName":"Willen","infix":null,"lastName":"Wever","classId":88042,"gradeId":4,"email":null,"isDisabled":false},
{"firstName":"TestUser1","infix":"TUser","lastName":"Nu","classId":9000,"gradeId":8,"email":null,"isDisabled":false,"pupilId":"646388"}]