

Phase 1 Cases

All cases can be found in more detail at [test_cases_backend.py](#)

Test Cases#	Test Cases	Test Commands	Expected Result	User Story#
1	Query SQL DB from Python	query1 = "Select AssignmentId, StudentId, SubmissionId from [dbo].[submission] where AssignmentId = 100" query2 = "select * from [dbo].subject" query3 = "select Name from [dbo].[Academic]" query4 = "SELECT top(3) table_name FROM INFORMATION_SCHEMA.TABLES"	Success	2.4
2	Upload assignments to Storage Account	upload_1 = uploading_assignment("temp.txt", "IT-Project", "11112", "500") upload_2 = uploading_assignment("run_ps_script - Copy.txt", "Arts", "11112", "500") upload_3 = uploading_assignment("down.txt", "History", "11112", "500") upload_4 = uploading_assignment("down.txt", "History", "11111", "600")	Success	1.1
3	Download a file from Storage Account	reading_1 = downloading_past_assignment("test1.txt", "IT-Project", "11112", "500") reading_2 = downloading_past_assignment("test2.txt", "Arts", "11112", "500") reading_3 = downloading_past_assignment("test3.txt", "History", "11112", "500") reading_4 = downloading_past_assignment("test4.txt", "History", "11111", "600")	Success	2.4.3
4	Creating Folders in Storage Account	create_folder_1 = create_folder("testcase/test1") create_folder_2 = create_folder("testcase/test2") create_folder_3 = create_folder("testcase/test3") create_folder_4 = create_folder("testcase/test4")	Success	2.4

Test Results(October 20th 2023)

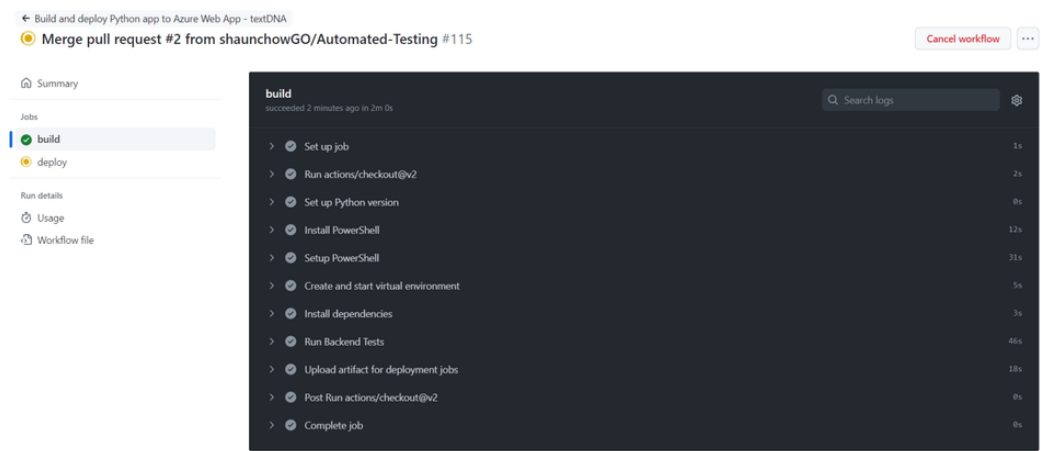


Fig 1. Result of Back end tests from GitHub CI Pipeline

- Backend test cases all run successfully