

'Unit Test Plan'

<i>AcademicOfficeMenuTest</i>		
<i>S.No.</i>	<i>TestName</i>	<i>Result</i>
1	login()	assertTrue to check login status
2	logout()	assertTrue to check logout and wrong credentials
3	action1()	assertTrue to check case 1 of academicOfficeMenu function
4	action2()	assertTrue to check case 2 of academicOfficeMenu function
5	action3()	assertTrue to check case 3 of academicOfficeMenu function
6	action4()	assertTrue to check case 4 of academicOfficeMenu function
7	action5()	assertTrue to check case 5 of academicOfficeMenu function
8	action6()	assertTrue to check case 6 of academicOfficeMenu function
9	action7()	assertTrue to check case 7 of academicOfficeMenu function
10	action8()	assertTrue to check case 8 of academicOfficeMenu function
11	action9()	assertTrue to check case 9 of academicOfficeMenu function
12	action10()	assertTrue to check case 10 of academicOfficeMenu function

13	action11()	assertTrue to check case 11 of academicOfficeMenu function
14	action12()	assertTrue to check case 12 of academicOfficeMenu function
15	action13()	assertTrue to check case 13 of academicOfficeMenu function
16	action14()	assertTrue to check case 14 of academicOfficeMenu function
17	action15()	assertTrue to check case 15 of academicOfficeMenu function
18	action16()	assertTrue to check case 16 of academicOfficeMenu function
19	action17()	assertTrue to check case 17 of academicOfficeMenu function
20	action18()	assertTrue to check case of invalid input of academicOfficeMenu function

<i>AcademicOfficeTest</i>		
<i>S.No.</i>	<i>TestName</i>	<i>Result</i>
1	login()	assertTrue to check login function
2	logout()	assertTrue to check logout function
3	startSemester()	assertEquals to check startSemester function and its output
4	viewSemester()	assertEquals to check viewSemester function and its output
5	endSemester()	assertTrue to check endSemester function if semester ended successfully
6	addBatch()	assertTrue to check addBatch function if batch added successfully

7	viewBatch()	assertTrue to check viewBatch function if successfully viewed the batches
8	deleteBatch()	assertTrue to check deleteBatch function if successfully deleted the batch
9	viewCourses()	assertTrue to check viewCourses function if successfully viewed courses
10	addCourse()	assertTrue to check addCourse function if successfully added a course
11	deleteCourse()	assertTrue to check deleteCourses function if successfully deleted a course
12	showGrades()	assertTrue to check showGrades function if successfully viewed the grades of students
13	deleteGrades()	assertTrue to check deleteGrades function if successfully deleted the grades
14	generateTranscript()	assertTrue to check generateTranscript function if successfully generated transcript for a student
15	addUser()	assertTrue to check addUser function if successfully added a user (student/faculty)
16	viewUsers()	assertTrue to check viewUsers function if successfully viewed the users (student/faculty)
17	deleteUsers	assertTrue to check deleteUser function if successfully deleted a user (student/faculty)
18	addCourseToCurriculum()	assertTrue to check addCourseToCurriculum function if successfully added a course and batch to the ug_curriculum
19	deleteCourseFromCurriculum()	assertTrue to check deleteCourseFromCurriculum function if successfully deleted a course and batch from the ug_curriculum

20	addCourseToCourseCatalogue()	assertTrue to check addCourseToCourseCatalogue function if successfully added a course to course catalogue
21	deleteCourseFromCourseCatalogue()	assertTrue to check deleteCourseFromCourseCatalogue function if successfully deleted a course from course catalogue

<i>FacultyMenuTest</i>		
<i>S.No.</i>	<i>TestName</i>	<i>Result</i>
1	login()	assertTrue to check login status
2	logout()	assertTrue to check logout and wrong credentials
3	action1()	assertTrue to check case 1 of facultyMenu function
4	action2()	assertTrue to check case 2 of facultyMenu function
5	action3()	assertTrue to check case 3 of facultyMenu function
6	action4()	assertTrue to check case 4 of facultyMenu function
7	action5()	assertTrue to check case 5 of facultyMenu function
8	action6()	assertTrue to check case 6 of facultyMenu function
9	action7()	assertTrue to check case 7 of facultyMenu function
10	action8()	assertTrue to check case 8 of facultyMenu function

11	action9()	assertTrue to check case 9 of facultyMenu function
12	action10()	assertTrue to check case 10 of facultyMenu function
13	action11()	assertTrue to check case 11 of facultyMenu function
14	action12()	assertTrue to check case 12 of facultyMenu function

<i>FacultyTest</i>		
<i>S.No.</i>	<i>TestName</i>	<i>Result</i>
1	login()	assertTrue to check login function
2	logout()	assertTrue to check logout function and wrong credentials
3	viewProfile()	assertTrue to check viewProfile function if profile was viewed successfully
4	updateProfile()	assertTrue to check updateProfile function if profile was updated successfully
5	getEnrollmentRequests()	assertTrue to check getEnrollmentRequests function if enrollments were viewed successfully
6	approveOrDisapprove()	assertTrue to check approveOrDisapprove function if course was approved or disapproved successfully
7	showGrades()	assertTrue to check showGrades function if grades viewed successfully
8	getMyCourses()	assertTrue to check viewMyCourses function if faculty's courses viewed

		successfully
9	viewOfferedCourses()	assertTrue to check viewOfferedCourses function if offered courses displayed successfully
10	registerCourse()	assertTrue to check registerCourse function if course registered successfully
11	deregisterCourse()	assertTrue to check deregisterCourse function if course deregistered successfully
12	submitGrades()	assertTrue to check submitGrades function if grades submitted successfully
13	changePassword()	assertTrue to check updatePassword function if password was updated successfully

<i>StudentMenuTest</i>		
<i>S.No.</i>	<i>TestName</i>	<i>Result</i>
1	login()	assertTrue to check login status
2	logout()	assertTrue to check logout and wrong credentials
3	action1()	assertTrue to check case 1 of studentMenu function
4	action2()	assertTrue to check case 2 of studentMenu function
5	action3()	assertTrue to check case 3 of studentMenu function
6	action4()	assertTrue to check case 4 of studentMenu function
7	action5()	assertTrue to check case 5 of

		studentMenu function
8	action6()	assertTrue to check case 6 of studentMenu function
9	action7()	assertTrue to check case 7 of studentMenu function
10	action8()	assertTrue to check case 8 of studentMenu function
11	action9()	assertTrue to check case 9 of studentMenu function
12	action10()	assertTrue to check case 10 of studentMenu function
13	action11()	assertTrue to check case 11 of studentMenu function

<i>StudentTest</i>		
<i>S.No.</i>	<i>TestName</i>	<i>Result</i>
1	login()	assertTrue to check login function
2	logout()	assertTrue to check logout function and wrong credentials
3	viewProfile()	assertTrue to check viewProfile function if profile was viewed successfully
4	updateProfile()	assertTrue to check updateProfile function if profile was updated successfully
5	viewOfferedCourses()	assertEquals to check viewOfferedCourses function if offered courses displayed successfully
6	viewRegisteredCourses() ()	assertEquals to check viewRegisteredCourses function if

		student's courses viewed successfully
7	registerCourse()	assertTrue to check registerCourse function if course registered successfully
8	deregisterCourse()	assertTrue to check deregisterCourse function if course deregistered successfully
9	viewGrades()	assertEquals to check viewGrades function if grades viewed successfully
10	getCGPA()	assertEquals to check getCGPA function if course grade viewed successfully
11	isEligibleToGraduate()	assertFalse to check isEligibleToGraduate function if student is eligible to graduate
12	viewPassword()	assertTrue to check updatePassword function if password was updated successfully