

TEST CASE ID	TEST SCENARIO	TEST CASE	PRE CONDITION	TEST STEPS	TEST DATA	EXPECTED RESULT	POST CONDITION
1.	Verify the login	Enter the valid user name and password	Need a valid LNMIIT login account to do login	1. Enter with LNMIIT domain id 2.Enter password 3.Click the “Login” button to login	Valid <username> Valid <password>	Successful login	Homepage respective to each user is displayed
1.	Verify the login	Enter the valid user name and invalid password	Need a valid LNMIIT login account to do login	1. Enter with LNMIIT domain id 2.Enter password 3.Click the “Login” button to login	Valid <username> Invalid <password>	Message- “Invalid credentials entered.Plea se try again.”	
1.	Verify the login	Enter the invalid user name and valid password	Need a valid LNMIIT login account to do login	1. Enter with LNMIIT domain id 2.Enter password 3.Click the “Login” button to login	Invalid <username> Valid <password>	Message- “Invalid credentials entered.Plea se try again.”	
1.	Verify the login	Enter the invalid user name and invalid password	Need a valid LNMIIT login account to do login	1. Enter with LNMIIT domain id 2.Enter password 3.Click the “Login” button to login	Invalid <username> Invalid <password>	Message- “Invalid credentials entered.Plea se try again.”	
2.	Select courses and faculty for summer term	Select a course from a dropdown menu and respective course	HOD should have logged in and should be on the course proposal	1.Select a course. 2.Select one or multiple course faculty for each course.	1.Name of courses and respective faculty.	After submission the courses are displayed to DOAA for	

		faculty from a list of course faculty clicking on checkbox.	page	3.Click on "Submit" button.		validation and message-"Y ou have successfully submitted list of courses." is displayed.	
2.	Select courses and faculty for summer term	List of faculty for respective course should not be visible before selecting a course.	HOD should have logged in and should be on the course proposal page	1.Select a course. 2.Select one or multiple course faculty for each course. 3.Click on "Submit" button.	1.Name of courses .	After submission the courses are displayed to DOAA for validation and message-"Y ou have successfully submitted list of courses." is displayed.	
2.	Select courses and faculty for summer term	A notification should be sent to DOAA and list of courses should be made visible to DOAA.	HOD should have logged in and should be on the course proposal page	1.Select a course. 2.Select one or multiple course faculty for each course. 3.Click on "Submit" button.		After submission the courses are displayed to DOAA for validation and message-"Y ou have successfully submitted list of courses." is displayed.	
3.	Validation of proposed list of courses.	Approve, reject and add courses and also comment to	HOD has proposed initial list of summer term courses.	1.Select a department. 2. For each course proposed,	1.Name of courses. 2.Comments. .	After the submission a notification is sent to HOD of	

		provide suitable reasons.		select "Approve" or "Reject". 3. In case of "Reject" provide a suitable reason. 4. If a course is to be added click "Add course" and select a course and comment a suitable reason. 5. Click "Suggest modification."		respective department to make suggested changes.	
3.	Validation of proposed list of courses.	Comments can only be added when a courses is added or rejected.	HOD has proposed initial list of summer term courses.	1. Select a department. 2. For each course proposed, select "Approve" or "Reject". 3. In case of "Reject" provide a suitable reason. 4. If a course is to be added click "Add course" and select a course and comment a suitable reason. 5. Click "Suggest modification."	1. Name of course. 2. Comments.	After the submission a notification is sent to HOD of respective department to make suggested changes.	
3.	Validation of proposed list of	After selecting a	HOD has proposed	1. Select a department.	1. Name of department.	After the submission	

	courses.	department, list of courses made visible should be the one sent by HOD of that department and courses should belong to selected department.	initial list of summer term courses.	2. For each course proposed, select "Approve" or "Reject". 3. In case of "Reject" provide a suitable reason. 4. If a course is to be added click "Add course" and select a course and comment a suitable reason. 5. Click "Suggest modification."	.	a notification is sent to HOD of respective department to make suggested changes.	
3.	Validation of the proposed list of courses.	Notification should be sent to HOD of only that department to which changes are suggested.	HOD has proposed initial list of summer term courses.	1. Select a department. 2. For each course proposed, select "Approve" or "Reject". 3. In case of "Reject" provide a suitable reason. 4. If a course is to be added click "Add course" and select a course and comment a suitable reason. 5. Click "Suggest modification."	.	After the submission a notification is sent to HOD of respective department to make suggested changes.	

4.	Finalise the list of approved courses for the summer term	Finalise the list of courses approved by DOAA and make suggested changes.	HOD should have logged in and should be on the course proposal page.	1.For each course, select one or multiple course faculty. 2.Click on "Submit" button.	1.Course faculty.	After submission the courses are displayed to DOAA for validation and message-"You have successfully submitted final list of courses." is displayed.	
5.	Final validation of courses.	1.Approve courses. 2.Send it to all undergraduate students.	Suggested courses are added to list of available courses.	1.Approve courses which are not approved. 2.Click on "Send" to make list visible to all students.		1.List is made visible to students on their homepage to register in course with F,D and I grades.	
5.	Final validation of courses.	1.Approve courses can't be approved again and no further changes can be made to them.	Suggested courses are added to list of available courses.	1.Approve courses which are not approved. 2.Click on "Send" to make list visible to all students.		1.List is made visible to students on their homepage to register in course with F,D and I grades.	
5.	Final validation of courses.	Notification should be sent to students after a click on "Send".	Suggested courses are added to list of available courses.	1.Approve courses which are not approved. 2.Click on "Send" to make list visible to all students.		1.List is made visible to students on their homepage to register in course with F,D and I grades.	

5.1	Tabs	Each tab should open intended pages when clicked.		1.Click on <xyz> tab.		Page corresponding to the clicked tab is displayed.	
6.	Course Registration	Select a course from the available list of courses	There should be an approved list of courses by HOD & DOAA	1. Select courses from the approved list. 2. Click on "Register".	1.Name of courses selected by a student.	1. Message-"You have successfully registered in <n> courses"	
6.	Course Registration	Courses without F, D or I grade can't be selected by students.	There should be an approved list of courses by HOD & DOAA	1. Select courses from the approved list. 2. Click on "Register".	1.Name of courses selected by a student.	1. Message-"You have successfully registered in <n> courses"	
6.	Course Registration	At maximum, only three courses can be selected by the student.	There should be an approved list of courses by HOD & DOAA	1. Select courses from the approved list. 2. Click on "Register".	1.Name of courses selected by a student.	1. Message-"You have successfully registered in <n> courses"	
7.	Deletion and Addition of courses by DOAA	Courses with less than 10 students are removed. Exceptions are made by DOAA.	Students must have registered in courses.	1. Delete courses from list.(If DOAA wishes, he/she can keep courses with less than 10 students.)		1.The final list is made visible to students for enrollment and a notification is sent to them.	
7.	Deletion and Addition of courses by DOAA	Notification should be sent to students so that they can register for courses.	Students must have registered in courses.	1. Delete courses from the list.(If DOAA wishes, he/she can keep courses with less than 10 students.)		1. Final list is made visible to students for enrollment and a notification is sent to them.	

8.	Course Enrollment	Select a course from the available list of courses(Course List 2- finally proposed by DOAA, after removing courses with less than 10 students)	There should be an approved list of courses(Course List 2) by DOAA	1. Select a course from Course List 2 2. Click on "Lock" 3. Click on "Submit"	1. Name of courses	Message-"You have successfully enrolled in <n> courses" is displayed.	
8.	Course Enrollment	At maximum only three courses can be registered to.	There should be an approved list of courses(Course List 2) by DOAA	1. Select a course from Course List 2 2. Click on "Lock" 3. Click on "Submit"	1. Name of courses	Message-"You have successfully enrolled in <n> courses" is displayed.	
8.	Course Enrollment	Courses without D,F or I grade cannot be selected.	There should be an approved list of courses(Course List 2) by DOAA	1. Select a course from Course List 2 2. Click on "Lock" 3. Click on "Submit"	1. Name of courses	Message-"You have successfully enrolled in <n> courses" is displayed.	Redirected to the payment portal.
9.	Fee Payment	Make fee payment	Student should have locked and submitted a course	1. Choose means of Payment 2. Enter credentials . 3. Click on "Make Payment"	1.Type of payment 2.Valid credentials for chosen payment.	Message -"Payment is successful" is displayed.	
9.	Fee Payment	Total amount is <n>* fee for each course	Student should have locked and submitted a	1. Choose means of Payment 2. Enter		Message -"Payment is successful" is displayed.	

			course	credentials. 3. Click on “Make Payment”			
9.	Fee Payment	Make fee payment	Student should have locked and submitted a course	1. Choose means of Payment 2. Enter credentials. 3. Click on “Make Payment”	1.Type of payment 2.Invalid credentials for chosen payment. (Even if any of them is invalid)	Message -“Payment is not successful. Kindly try again” is displayed.	
10.	Slip Generation	Generate Fee Slip	Student should have submitted complete fees for a course	1. Click on “Report” 2. A new window showing the fee receipt will pop up. 3. Download the receipt.		Fee slip is generated and displayed in the new tab of the browser.	
11	Slip Generation	Generate Fee Slip	Student should have submitted complete fees for a course	1. Click on “Report” 2. A new window showing the fee receipt will pop up. 3. Download the receipt.		Message - “Fee slip is not available.” is displayed.	
12	View Course List	Viewing the final course list	Student should have registered for summer term	1. Click on the view course list button		Course list is displayed in the new tab of the browser	
13.	View Course List	Viewing the final course list	Student should have registered for summer term	1. Click on the view course list button		Message - “Course list not yet generated. Try again later” is	

						displayed	
14.	Timetable Generation	Generate the class timetable	The courses and the course faculty should have been finalised	1. Select the courses and respective faculty. 2. Use timetable generation API 3. Click on generate timetable		Timetable is displayed in the new tab of browser	
15.	Timetable Generation	Generate the class timetable	The courses and the course faculty should have been finalised	1. Select the courses and respective faculty. 2. Use timetable generation API 3. Click on generate timetable		Message - Timetable is not created successfully. Please try again" is displayed	
16.	Logout	Click the logout button	Need to be logged in to get successfully logged out	1. Click the logout button	NULL	1.Successful log out. 2. A message showing "successfully logged out" is displayed and the user is given option to login again.	