

User case name	Search for Teaching Periods	
Test scenarios	Admin can Modify Teaching Periods registered with Doubtfire.	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer Teaching Periods selection and System would display Teaching Periods information.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select Administer Teaching Periods.	
Post condition	<ol style="list-style-type: none"> 1. admin user must be login an account 2. admin click administer Teaching Periods selection in Administration section. 3. In administer Teaching Periods having Search TextBox 4. Type search textbox what you want to search 5. System would display administer Teaching Periods information. 	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack and select Administer Teaching Periods.	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click 'Administer Teaching Periods'.	3.1 Switch to Administer Teaching Periods page. 3.2 Display administer Teaching Periods information table.
Exception conditions	<ol style="list-style-type: none"> 2. If admin user enters invalid username or password, then a. web would prompt 'Login failed: Invalid email or password.' 	
	<ol style="list-style-type: none"> 3.2 If the web does not display administer Teaching Periods section, this means no lecturers enrolls into the Teaching Periods , then a. The admin can add lecturers by themselves 	

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Test Case ID	S001
Test Scenario	Search for Teaching Periods
Test Case name	Search Periods
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Type search textbox what you want to search
Test Data	Type “T1”
Expected Outcome	Filter T1 data records from list of info
Actual Outcome	As Expected Result
Result	Pass

Test Case ID	S002
Test Scenario	Search for Teaching Periods
Test Case name	Search Periods
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Type search textbox what you want to search
Test Data	Type “2018-03-05”
Expected Outcome	Filter data records according to date from list of info
Actual Outcome	As Expected Result
Result	Pass

User case name	Add New Teaching Periods	
Test scenarios	Admin can Add New Teaching Periods registered with Doubtfire.	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer Teaching Periods selection and there is a button called Add New Teaching Periods. Using that button admin can add new Teaching Periods	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select Administer Teaching Periods and click button “Add Teaching Periods”.	
Post condition	1. admin user must be login an account 2. admin click administer Teaching Periods selection in Administration section. 3. admin click add Teaching Periods button in Administer Teaching Periods table. 4. it'll prompt window with empty field.	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack and select Administer Teaching Periods.	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click ‘Administer Teaching Periods’.	3.1 Switch to Administer Teaching Periods page. 3.2 Display administer Teaching Periods information table.
Exception conditions	2. If admin user enters invalid username or password, then a. web would prompt ‘Login failed: Invalid email or password.’	
	3.2 If the web does not display administer Teaching Periods section, this means no lecturers enrolls into the Teaching Periods , then a. The admin can add lecturers by themselves	

Test Case ID	S003
Test Scenario	Add New Teaching Periods
Test Case name	Add Periods
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Click “Add Teaching Periods” Button
Test Data	Fill the Form using Name = T1, Year = 2020, Start Date=2019-09-01, End Date=2019-09-02 ,Active Until=2019-09-03
Expected Outcome	Submit form and showing Success message “Teaching Periods Created”
Actual Outcome	As Expected Result
Result	Pass

Test Case ID	S003
Test Scenario	Add New Teaching Periods
Test Case name	Add Periods
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Click “Add Teaching Periods” Button
Test Data	Fill the Form using Name = T1, Year = 2020, Start Date=2019-09-02, End Date=2019-09-01 ,Active Until=2019-09-03
Expected Outcome	Submit form and showing Error message “Validation failed: End date should be after the Start date”
Actual Outcome	As Expected Result
Result	Pass

Test Case ID	S004
Test Scenario	Add New Teaching Periods
Test Case name	Add Periods
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Click “Add Teaching Periods” Button
Test Data	Fill the Form using Name = T1, Year = 2020, Start Date=2019-09-01, End Date=2019-09-02 ,Active Until=2019-09-01
Expected Outcome	Submit form and showing Error message “Validation failed: Active until date should be after the End date”
Actual Outcome	As Expected Result
Result	Pass

Test Case ID	S005
Test Scenario	Add New Teaching Periods
Test Case name	Add Periods
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Click “Add Teaching Periods” Button
Test Data	Fill the Form using Name = T1, Year = test, Start Date=2019-09-01, End Date=2019-09-02, Active Until=2019-09-01
Expected Outcome	Submit form and showing Error message “Failed to update teaching period. teaching_period[year] is invalid”
Actual Outcome	As Expected Result
Result	Pass

User case name	Update Teaching Periods	
Test scenarios	Admin can Update Teaching Periods registered with Doubtfire.	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer Teaching Periods selection and there is list of info table Teaching Periods. Clicking one record on that list redirect to update form.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select Administer Teaching Periods and clicking one record from that table of list info	
Post condition	<ol style="list-style-type: none"> 1. admin user must be login an account 2. admin click administer Teaching Periods selection in Administration section. 3. admin click clicking one record from that table of list info teaching periods table. 4. It redirects window with filled field form. 	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack and select Administer Teaching Periods.	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click 'Administer Teaching Periods'.	3.1 Switch to Administer Teaching Periods page. 3.2 Display administer Teaching Periods information table. 3.3 clicking one record from the table of list info
Exception conditions	<ol style="list-style-type: none"> 2. If admin user enters invalid username or password, then <ol style="list-style-type: none"> a. web would prompt 'Login failed: Invalid email or password.' 	
	<ol style="list-style-type: none"> 3.2 If the web does not display administer Teaching Periods section, this means no lecturers enrolls into the Teaching Periods, then <ol style="list-style-type: none"> a. The admin can add lecturers by themselves 	

Test Case ID	S006
Test Scenario	Admin Update Teaching Periods
Test Case name	Update Teaching Periods
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click "administer Teaching Periods" 4. Click "one Record of Teaching Periods table" 5. change the form fields that want to update
Test Data	Change the name field Name = T2
Expected Outcome	Change name field T1 to T2 and showing success message and redirecr to table window
Actual Outcome	Only Change name field T1 to T2 and showing success message. It won't redirect to Teaching Periods table or didn't hide update button.
Result	Fail

User case name	Rollover Teaching Periods	
Test scenarios	Admin Add Rollover Teaching Periods	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer Teaching Periods selection and there is list of info table Teaching Periods. Clicking one record on that list redirect to update form. In that top of the form has tab called Rollover Teaching Periods.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select Administer Teaching Periods and clicking one record from that table of list info. Clicking one record on that list redirect to update form. In that top of the form has tab called Teaching Periods Breaks. Click Teaching Periods Breaks.	
Post condition	<ol style="list-style-type: none"> 1. admin user must be login an account 2. admin click administer Teaching Periods selection in Administration section. 3. admin click clicking one record from that table of list info teaching periods table. 4. It redirects window with filled field form. 5. In that top of the form has tab called Rollover Teaching Periods. 6. Press button add Rollover Teaching Periods 7. Select Rollover To Subject using dropdown 	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack and select Administer Teaching Periods.	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click 'Administer Teaching Periods'.	3.1 Switch to Administer Teaching Periods page. 3.2 Display administer Teaching Periods information table. 3.3 clicking one record from the table of list info
Exception conditions	2. If admin user enters invalid username or password, then a. web would prompt 'Login failed: Invalid email or password.'	
	3.2 If the web does not display administer Teaching Periods section, this means no lecturers enrolls into the Teaching Periods, then a. The admin can add lecturers by themselves	

Test Case ID	S007
Test Scenario	Admin Update Rollover Teaching
Test Case name	Update Rollover Teaching
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “administer Teaching Periods” 4. Click “one Record of Teaching Periods table” 5. Clicking T3 2018 record on that list redirect to update form 6. In that top of the form has tab called Rollover Teaching Periods. 7. Click + Rollover Teaching Periods Button.
Test Data	Select T2 2018 unit from Rollover drop down
Expected Outcome	Submit form and showing Error message “Units can only be rolled over to future teaching periods”.
Actual Outcome	Submit form and showing Error message “Units can only be rolled over to future teaching periods”.
Result	Fail

User case name	Search for administer units	
Test scenarios	Admin can Modify units registered with Doubtfire	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer units selection and System would display administer units information.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select administer units.	
Post condition	<ol style="list-style-type: none"> 1. admin user must be login an account. 2. admin click administer units selection in Administration section. 3. System would display administer units list 4. Type search TextBox what you want to search 	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click ‘Administer units.’	3.1 Switch to Administer Units page. 3.2 Display administer Units information table.
Exception conditions	<ol style="list-style-type: none"> 2. If admin user enters invalid username or password, then <ol style="list-style-type: none"> a. web would prompt ‘Login failed: Invalid email or password.’ 	
	<ol style="list-style-type: none"> 3.2 If the web does not display administer Units section, this means no lecturers enrolls into the administer units , then <ol style="list-style-type: none"> a. The admin can add lecturers by themselves 	

Test Case ID	S008
Test Scenario	Search for units registered with Doubtfire
Test Case name	Search Units
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Type search textbox what you want to search
Test Data	Type “SIT1231”
Expected Outcome	Filter SIT1231 data records from list of info
Actual Outcome	As Expected, Result
Result	Pass

Test Case ID	S009
Test Scenario	Search for units registered with Doubtfire
Test Case name	Search Units
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Type search textbox what you want to search
Test Data	Type “Network Security”
Expected Outcome	Filter Network Security data records from list of info
Actual Outcome	As Expected, Result
Result	Pass

User case name	Administer create units	
Test scenarios	Admin can Modify units registered with Doubtfire	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer unit's selection and System would display administer unit's information.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select administer units.	
Post condition	<ol style="list-style-type: none"> 1. admin user must be login an account. 2. admin click administer unit's selection in Administration section. 3. System would display administer units list 4. Bottom of the administer units list having a button called "+ Create Unit". 5. System would popup create unit window. 	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click 'Administer units.'	3.1 Switch to Administer Units page. 3.2 Display administer Units information table.
Exception conditions	<ol style="list-style-type: none"> 2. If admin user enters invalid username or password, then <ol style="list-style-type: none"> a. web would prompt 'Login failed: Invalid email or password.' 	
	<ol style="list-style-type: none"> 3.2 If the web does not display administer Units section, this means no lecturers enrolls into the administer units, then <ol style="list-style-type: none"> a. The admin can add lecturers by themselves 	

Test Case ID	S010
Test Scenario	Add Administer create units.
Test Case name	Administer create units
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click "Administer Units" 4. Bottom of the administer units list having a button called "+ Create Unit". 5. System would popup create unit form. 6.Fill the form.
Test Data	Type name "Project Design" Type Code "COS1500"
Expected Outcome	Submit form and showing successful message
Actual Outcome	As Expected, Result
Result	Pass

Test Case ID	S011
Test Scenario	Add Administer create units.
Test Case name	Administer create units
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Bottom of the administer units list having a button called “+ Create Unit”. 5. System would popup create unit form. 6.Fill the form.
Test Data	Type name “AI” Type Code “AI”
Expected Outcome	Submit form and showing error message invalid code
Actual Outcome	Submit form and showing successful message form submitted
Result	Fail

User case name	Update administer units	
Test scenarios	Admin can update overview details of the unit	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer unit’s selection and System would display administer units information.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select administer units.	
Post condition	<ol style="list-style-type: none"> 1. admin user must be login an account. 2. admin click administer units selection in Administration section. 3. System would display administer units list 	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click ‘Administer units.’.	3.1 Switch to Administer Units page. 3.2 Display administer Units information table.
Exception conditions	<ol style="list-style-type: none"> 2. If admin user enters invalid username or password, then <ol style="list-style-type: none"> a. web would prompt ‘Login failed: Invalid email or password.’ 	
	<ol style="list-style-type: none"> 3.2 If the web does not display administer Units section, this means no lecturers enrolls into the administer units , then <ol style="list-style-type: none"> a. The admin can add lecturers by themselves 	

Test Case ID	S012
Test Scenario	Open Update Unit registered with Doubtfire
Test Case name	Open administer units
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units”
Test Data	Click “Network Security” unit
Expected Outcome	Open unit details tabupdate overview details of
Actual Outcome	As Expected Result
Result	Pass

Test Case ID	S013
Test Scenario	Open Update Unit registered with Doubtfire
Test Case name	Unit details Validate
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Click “Network Security” unit
Test Data	Type code SIT1231 into 1231SIT
Expected Outcome	Submit form and showing error message invalid code
Actual Outcome	Click update button and showing successful message.
Result	Fail

Test Case ID	S014
Test Scenario	Open Learning Outcomes Add, edit or delete intended learning outcomes for this unit
Test Case name	Edit Intended Learning Outcomes
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Click “Network Security” unit 5. Click Learning Outcomes Tab. 6. Click Add Outcome button
Test Data	Type Name= TEST Abbreviation=LO1 Description= TEST
Expected Outcome	Submit tab and showing sucess message “Intended Learning Outcome Added”
Actual Outcome	As Expected Result
Result	Pass

Test Case ID	S015
Test Scenario	Open Learning Outcomes Add, edit or delete intended learning outcomes for this unit
Test Case name	Delete Learning Outcomes
Test Steps	1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Click “Network Security” unit 5. Click Learning Outcomes Tab. 6. Delete Name=TEST Learning Outcome using delete icon in action.
Test Data	
Expected Outcome	Submit tab and showing success message “ILO 1 was deleted successfully”
Actual Outcome	As Expected Result
Result	Pass

User case name	Modify Unit Staff administer units	
Test scenarios	Add staff members to the unit, assigning them a convenor or tutor role.	
Use case triggering event	Admin login Ontrack system.	
Scenario description	Admin login Ontrack system, admin click administer units selection and System would display administer units information.	
Primary actor	Admin	
Precondition	admin login Ontrack system, and select administer units.	
Post condition	1. admin user must be login an account. 2. admin click administer units selection in Administration section. 3. System would display administer units list	
Flow of activities	Actor	Web application
	1. admin user go to Ontrack web system.	1.1 going to system login page
	2. admin user login Ontrack	2.1 Validate username and password. 2.2 Display Administration section
	3. admin user go to home page. And click ‘Administer units.’.	3.1 Switch to Administer Units page. 3.2 Display administer Units information table.
Exception conditions	2. If admin user enters invalid username or password, then a. web would prompt ‘Login failed: Invalid email or password.’	
	3.2 If the web does not display administer Units section, this means no lecturers enrolls into the administer units , then a. The admin can add lecturers by themselves	

Test Case ID	S016
Test Scenario	Open Staff tab for add staff members to the unit, assigning them a convenor or tutor role.
Test Case name	Add staff
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Click “Network Security” unit 5. Click staff Tab. 6. Type Staff member name in Textbox 6. Click Add staff button
Test Data	Type Name= Andrew Cain
Expected Outcome	Add Andrew Cain as unit staff and show in the table
Actual Outcome	As Expected, Result
Result	Pass

Test Case ID	S017
Test Scenario	Open Staff tab for add staff members to the unit, assigning them a convenor or tutor role.
Test Case name	Delete staff
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Click “Network Security” unit 5. Click staff Tab.
Test Data	Click Delete Button in Andrew Cain recoed
Expected Outcome	Delete record of Andrew Cain and disappear in the table
Actual Outcome	As Expected, Result
Result	Pass

Test Case ID	S018
Test Scenario	Open Staff tab for add staff members to the unit, assigning them a convenor or tutor role.
Test Case name	Delete staff
Test Steps	<ol style="list-style-type: none"> 1. Go to site http://localhost:4200/#/sign_in 2. Login admin user account 3. Click “Administer Units” 4. Click “Network Security” unit 5. Click staff Tab.
Test Data	Click Delete Button in Andrew Cain recoed
Expected Outcome	Delete record of Andrew Cain and disappear in the table
Actual Outcome	As Expected, Result
Result	Pass