

Group 16

The Test Specification for the Final System

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1.0 Introduction

1.1 Purpose of this Document

This is the test specification for the final system. The purpose of this document is to outline and describe the series of tests that have been designed to thoroughly test all aspects of our User application (Tasker CLI), our web application (TaskerMan), and MySQL database (TaskerSRV).

1.2 Scope

This document specifies how each individual test should be performed. It specifies what the input should be, what the output should be and describes the pass criteria that will allow us to determine whether or not each element being tested meets the required specification.

1.3 Objectives

The main objective of this document is to ensure that both of the applications are put through thorough tests to ensure that everything works correctly and that it meets the requirement specifications.

2.0 Test specification

Test Ref	Req. being Tested	Test Content	Input	Output	Pass Criteria (Pass if)
SE-F-001	FR1	<p>Web application Login Page:</p> <p>Testing if the login function works when the user (admin) provides correct login details, since only people who are registered as admin in the database are allowed to login to view the contents of the web application.</p> <p>(Test for TaskerSRV)</p>	<p>Input the username and password (of a member that is registered in the database/website as admin) in the username and password field that are provided when logging in to the web application e.g. username can be “admin” and the password can be “password” and click the login button.</p>	<p>The user (admin) should be able to login to the web application using the correct registered username and password with admin permission and should get directed to the homepage of TaskerMan.</p>	<p>Entering the correct login details should grant the user an entry to the web application homepage and access its features.</p>

SE-F-002	FR1	<p>Web application Login Page:</p> <p>Testing if the login function gives error when the user tries to attempt to log in with username and password that is non-admin.</p> <p>(Test for TaskerSRV)</p>	<p>Input the username and password (that is for non admin) e.g. username can be "bob55"(not an admin) and the password can be "software33" and click the login button.</p>	<p>An error should be given to the user when trying to login saying that username and password are invalid.</p>	<p>Entering login detail of non-admin should give an error to the user when they attempt to log in to the web application.</p>
SE-F-003		<p>Web application Login Page:</p> <p>Testing if the login function works when the password field is left blank but the username is correct while trying to attempt logging in the web application</p> <p>(Test for TaskerSRV)</p>	<p>Enter the username e.g. "admin" or "ars14@aber.ac.uk" but leave the password field blank and click the login button.</p>	<p>When trying to attempt logging in to the web application while the password field is blank, it will give an error message to fill in the blank field.</p>	<p>If the user has attempted to login while leaving the password field blank the user should receive an error message.</p>

SE-F-004	FR1	<p>Web application Login Page:</p> <p>Testing if the login function gives error to the user when both the username field and password field are left blank while attempting to log in to the web application</p> <p>(Test for TaskerSRV)</p>	<p>Leave the username & password fields blank and click the login button.</p>	<p>When trying to attempt logging in to the web application while the username & password fields are blank, it will give an error message to fill the blank field/s.</p>	<p>If the user has attempted to login while leaving the username & password field blank the user should receive an error message.</p>
SE-F-005	FR1	<p>Web application Login Page:</p> <p>Testing if the login function works when the username field is left blank while trying to attempt logging in the web application.</p> <p>(Test for TaskerSRV)</p>	<p>Leave the Username field blank but type in password e.g. "passcode34" and click the login button.</p>	<p>When trying to attempt logging in while the username field is blank, it will give an error message to fill in the blank field.</p>	<p>If the user has attempted to login while leaving the username field blank they should receive an error message.</p>

SE-F-006	FR1	<p>Web application Login Page:</p> <p>Test if the login gives error when user uses illegal attributes in username field to log in to the web site. The “@” does not apply since we can use email as username.</p> <p>(Test for TaskerSRV)</p>	<p>Input the username and password and click the login button.</p> <p>User should have illegal attributes such as “\$%tom^&” user name.</p>	<p>When trying to attempt logging in to the web application while the username fields have illegal attributes, an error should be given to the user.</p>	<p>An error message should be given to the user to warn them and also state they need to enter the login details correctly again.</p>
SE-F-007	FR1	<p>Web application Login Page:</p> <p>Test if the login gives error when user uses illegal attributes in password field to log in to the web site.</p> <p>(Test for TaskerSRV)</p>	<p>Input the username and password and click the login button.</p> <p>User should have illegal attributes such as password “} &&’£”.</p>	<p>When trying to attempt logging in to the web application while the password fields have illegal attributes, an error should be given to the user.</p>	<p>An error message should be given to the user to warn them and also state they need to enter the login details correctly again.</p>

SE-F-008	FR1	<p>Web application Login Page:</p> <p>Test if the login gives error when user uses illegal attributes in both username and password field to log in to the web site.</p> <p>(Test for TaskerMan)</p>	<p>Input the username and password and click the login button.</p> <p>User should have illegal attributes such as “* else&&” user name and password “} &&’£”.</p>	<p>When trying to attempt logging in to the web application while the username & password fields have illegal attributes, an error should be given to the user.</p>	<p>An error message should be given to the user to warn them and also state they need to enter the login details correctly again.</p>
SE-F-009	FR1	<p>Web application Login Page:</p> <p>Testing if the personal greeting works when the admin logs in to the web application.</p> <p>(Test for TaskerMan)</p>	<p>If the admin successfully logs in to the web application, when they are in the homepage of TaskerMan (web application), they should be greeted with a message and their registered name.</p>	<p>The admin should be able to see the greeting message within the homepage of the web application.</p> <p>“Welcome admin!” the admin referring to their name.</p>	<p>The admin should be able to see their greeting message when they login t the web application.</p>
SE-F-010	FR3	<p>Web application Main Page:</p> <p>TaskerMan Home</p>	<p>Click on the “Member Page” button on the TaskerMan homepage after a successful log in.</p>	<p>When clicked on the “Member Page” button it should be able to take the user to the correct place, which is going to be Members</p>	<p>The user should be able to get to the correct web page (Member page). When the user is directed to the member page it</p>

		<p>Page</p> <p>Testing Button (which will link to) Members Page</p> <p>(Test for TaskerMan)</p>		<p>Info Page that will display about each of the registered member in the database.</p>	<p>should display lists of all the registered member within the database.</p>
SE-F-011	FR3	<p>Web application Members Page:</p> <p>Testing if the member page will show members and member info that are stored in the database.</p> <p>(Test for TaskerMan)</p>	<p>From the homepage of TaskerMan, click on the member page button and then click on a member from the displayed profile list.</p>	<p>User should be directed to the member info page once they click on of the member profile. The information details of the member should be able to display in members info page for the user, which will display their name and their email address that has been registered to the database, but may choose to edit or update their information by using the editing option.</p>	<p>The user should be directed to the see information details of the member (which is stored within the database) once their profile has been clicked.</p>
SE-F-012	FR3	<p>Web application Members Page:</p> <p>Testing addition of the new member to the database (Add button)</p> <p>(Test for TaskerMan)</p>	<p>Click on the Add Button on the member page.</p>	<p>The user should be directed to the create member page where they can fill in details of new members in order to add them to the database so that they are registered.</p>	<p>The user should be directed to the page where they will be able to register new members to the database.</p>

SE-F-013	FR3	<p>Web application add member Page:</p> <p>Testing if user receives an error when using numbers/ characters when adding new team member's name to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the full name</p> <p>With numbers/symbols. E.g. (max234£\$)</p>	<p>An error should be able to tell the user that using characters/numbers are not allowed since it is a name and should on consist of letters.</p>	<p>The user should be notified with an error if they attempt to use illegal argument when adding new team member's name to the database.</p>
SE-F-014	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when using repeating letters when adding new team member's name to the database.</p> <p>(Test for TaskerMan)</p>	<p>Repeat a letter numerous times. E.g. repeat "b" 46 times while adding new team member.</p>	<p>An error should be able to tell the user that repeating letters are not allowed since it is not a sensible name.</p>	<p>The user should be notified with an error if they attempt use repeated letters when adding new team member's name to the database.</p>
SE-F-015	FR3	<p>Web application add member Page:</p>	<p>Type letters that will exceed to 100 words.</p>	<p>The user should receive an error if they reached the maximum length of words (50) that the field can handle.</p>	<p>The user should be notified with an error if they attempt to exceed the length of name when adding new</p>

		<p>Testing if user receives error when exceeding maximum length of name when adding new team member's name to the database.</p> <p>(Test for TaskerMan)</p>			team member's name to the database.
SE-F-016	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when leaving the field blank for the name input field when adding new team member's name to the database.</p> <p>(Test for TaskerMan)</p>	Leave the name field blank while adding new team member.	The user should receive an error if the name field is left blank and should give a message for the use to fill in the blank field.	The user should be notified with an error if they attempt to leave the name field blank when adding new team member's name to the database.
SE-F-017	FR3	<p>Web application add member Page:</p> <p>Testing if the field allows correct input to be used when using legal exception into name field when adding new team</p>	Enter the name of the member where it should only consist of letters that do not exceed maximum of 50 words. E.g. (Tom Hanks)	The user should be able to input the name of a new member if the criteria matches and no error should be given when the name is typed within the name field and the field should accept the name that has been typed in.	When entering the name that matches with the arguments the user should not face any error message as long as they are using legal exception.

		<p>member's name to the database.</p> <p>(Test for TaskerMan)</p>			
SE-F-018	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when the user use illegal input for the email input field when adding new team member's email to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the email wit symbols that do not match the email criteria e.g.</p> <p>Bob%@mail.com</p>	<p>An error should tell the user that using illegal inputs are not allowed and should only consists of symbols that need to be used for the email.</p>	<p>The user should be notified with error if they attempt to use illegal input when adding new team member's email to the database.</p>
SE-F-019	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when using repeating letters/number when adding new team member's email to the database.</p>	<p>Repeat a letter/number numerous times. E.g. repeat "bbbbbbbbbb111111@maail.com"</p>	<p>An error should tell the user that repeating letters are not allowed since it is not a sensible email.</p>	<p>The user should be notified with an error if they attempt use repeated letters when adding new team member's email to the database.</p>

		(Test for TaskerMan)			
SE-F-020	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when the user does not use “@” and “.” sign for the email input field when adding new team member’s email to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the email without “@” e.g. “Mymail.mail.com”</p> <p>Or without “.” e.g. mymail@mailcom</p>	An error should to warn the user that they don’t have appropriate symbols in order to form a valid email id.	The user should be notified with error if they attempt to use an invalid email when adding new team member’s email to the database.
SE-F-021	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when leaving the field blank for the email input field when adding new team member’s email to the database.</p> <p>(Test for TaskerMan)</p>	Leave the email field blank while adding new team member.	The user should receive an error if the email field is left blank and should give a message for the use to fill in the blank field.	The user should be notified with an error if they attempt to leave the email field blank when adding new team member’s email to the database.

SE-F-022	FR3	<p>Web application add member Page:</p> <p>Testing if the field works when legal inputs are applied to the email field when adding new team member's email to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the correct input of email e.g. yourmail@mail.com</p>	<p>The user should be able to input the email of a new member if the criteria for the email matches and no error should be given when the email is typed correctly in the email field.</p>	<p>When entering the email that matches with the legal criteria the user should not face any error message.</p>
SE-F-023	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when illegal attributes are used within the password when adding new team member's password to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the password with symbols or with space. E.g. "pass 123@£\$" or "pass££\$££\$"</p>	<p>An error should be able to tell the user that only alphanumeric passwords are allowed and the password should not consist of space.</p>	<p>The user should be notified with error if they attempt to use illegal attributes for the password when adding new team member's password to the database.</p>

SE-F-024	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when exceeding maximum length of password when adding a new team member's password to the database.</p> <p>(Test for TaskerMan)</p>	Repeat a letter/number numerous times. E.g. repeat "bbbb3333" 46 times	An error should tell the user that repeating letters are not allowed since it is not a sensible or sensitive password.	The user should be notified with an error if they attempt to use repeating alphanumeric password e.g. (sssss2222) when adding new team member's password to the database.
SE-F-025	FR3	<p>Web application add member Page:</p> <p>Testing if user receives error when exceeding maximum length of password when adding new team member's password to the database.</p> <p>(Test for TaskerMan)</p>	Type password that will exceed to 100 words.	The user should receive an error if they reached the maximum length of password (16) that the field can handle.	The user should be notified with an error if they attempt to exceed the length of the password when adding new team member's password to the database.
SE-F-026	FR3	<p>Web application add member Page:</p>	Leave the password field blank while adding new team member.	The user should receive an error if the password field is left blank and	The user should be notified with an error if they attempt to leave the password field blank when adding new

		<p>Testing if user receives error when leaving the field blank for the password input field when adding new team member's password to the database.</p> <p>(Test for TaskerMan)</p>		<p>should give a message for the use to fill in the blank field.</p>	<p>team member's password to the database.</p>
SE-F-027	FR3	<p>Web application add member Page:</p> <p>Testing if the field works when legal inputs are applied to the password field when adding new team member's password to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the password which is alphanumeric and does not exceed above the length of 16.(E.g. "soft16ware")</p>	<p>The user should be able to input the password for a new member if the legal criteria for the password matches and no error should be given when the password is set correctly in the password field.</p>	<p>When entering the password that matches with the legal criteria the user should not face any error message.</p>
SE-F-028	FR3	<p>Web application add member Page:</p>	<p>Do not choose a Profile picture</p>	<p>It should set a default profile with no photo of the member.</p>	<p>User can set the default profile. There will be no error.</p>

		<p>Test on Adding default profile picture or selecting no profile picture</p> <p>(Test for TaskerMan)</p>			
SE-F-029	FR3	<p>Web application add member Page:</p> <p>Test on adding profile picture to the new member profile.</p> <p>(Test for TaskerMan)</p>	<p>Click on the</p> <p>Choose file to add a profile picture.</p>	<p>A new window should pop up where user can select their upload picture for their profile picture.</p>	<p>User can select a profile picture and apply the changes to display it within the members' page.</p>
SE-F-030	FR3	<p>Web application add member Page:</p> <p>Testing if it gives error when all of the fields are left blank when adding a new member in create member page.</p> <p>(Test for TaskerMan)</p>	<p>Leave all of the fields blank and press submit in the create member page.</p>	<p>The user should receive an error saying that the field/s is/are blank and need to be filled in.</p>	<p>User should be notified by receiving an error which states that they have to fill in the fields.</p>

SE-F-031	FR1/FR7	<p>Web application add member Page:</p> <p>Testing if the new members are added to the database when all the field are filled out.</p> <p>(Test for TaskerSRV)</p>	<p>Fill all the field name, email, password appropriately (select profile picture if needed) and click submit.</p>	<p>The user should be able to see the registered member in the member page by clicking the team member button from the navigation panel and the profile of the newly added team member should be displayed within the page.</p>	<p>User should be able to see the newly added team member (that has been registered to the database) within the member page.</p>
SE-F-032	FR3	<p>Web application add member Page:</p> <p>Testing if the cancel button works when adding new member i.e. if the member already exists we want to cancel the creation of the existing member.</p> <p>(Test for TaskerMan)</p>	<p>On the create member page click cancel button to cancel the creation of the new member.</p>	<p>By clicking the cancel button the user should be directed to the member page and the creation of the new member should be cancelled.</p>	<p>User should be able to cancel the creation of the member if they do not wish to create it.</p>
SE-F-033	FR3	<p>Web application member Page:</p> <p>Testing to remove the member from the</p>	<p>Click on the Remove Button. To ensure that the user has been removed from the database, go to the member page which will display the</p>	<p>The user should be able to delete existing member by clicking the remove button.</p>	<p>The user should be able to see a change within the members' page when they delete a member. The member should be deleted</p>

		database. (Remove button) (Test for TaskerMan)	users that has been registered within the database.		from database and the changes should be applied by not showing the deleted member from the database
SE-F-034	FR3	Web application remove member Page: : Testing if members can be selected and removed. (Test for TaskerMan)	After clicking the remove button, It should take the user to remove members' section. Members that exist within the database should be visible in a dropdown list. Choose member from the dropdown list and also the member to reallocate the task to and click submit.	After selecting a member and clicking submit the user should be removed from the database and the task should be reallocated to the chosen member that exists in the database. The dropdown list should work and display members that are registered on the database. The profile of deleted member should not be displayed within the member page.	User can be removed from database and also should not be displayed on member page for the user.
SE-F-035	FR6	Web application remove member Page: Members Info Page: Testing if task can be reallocated to different member when one of the member has been removed the database. (Test for TaskerMan)	Click on the Remove Button. Click on a member that needs to be deleted and the member that the task can be reallocated to. Click submit to finish with the changes	The user should be able to go to view task and see the task update, where the task has been reallocated to the other member when the member is deleted.	The user should be able to see a change within the members' page when they delete a member. The member should be deleted from database and the changes should be applied by transferring the task to the other member that exists in the database.

SE-F-036	FR3	<p>Web application add member Page:</p> <p>Testing that the cancel button works when removing existing member so that we can cancel removing member.</p> <p>(Test for TaskerMan)</p>	<p>On the remove member page click cancel button to cancel process of deleting a member.</p>	<p>By clicking the cancel button the user should be directed to the member page and the process of the deleting existing member should be cancelled.</p>	<p>User should be able to cancel the process of the deleting member if they do not wish to remove the member from the database.</p>
SE-F-037	FR3	<p>Web application Members Page:</p> <p>Testing the Navigation button (Team Member)</p> <p>(Test for TaskerMan)</p>	<p>Click on the Team member's navigation button. (The user should be outside the team members' webpage, since it won't be able to direct them to the webpage that they are already on).</p>	<p>The button should highlight when the mouse is hovered and when it is clicked it should</p> <p>Direct the user to the members' page (the team member button will hyperlink to the member page).</p>	<p>When the user clicks the team member button from the navigation panel, it should take the user to the correct web page (member page) if they are in different webpage. If they are in the same web page as the hyperlink of the button they won't be taken anywhere else.</p>
SE-F-038	FR3	<p>Web application edit member info Page:</p> <p>Testing the edit button on the Members Info</p>	<p>Click on the Edit Member button/image on the member info page.</p>	<p>The edit Button/image should take the user to the Edit Members Info Page.</p>	<p>User should be able to allocate to the correct page when they click the button.</p>

		<p>page (links to) Edit Members Info Page.</p> <p>(Test for TaskerMan)</p>			
SE-F-039	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when using numbers/characters when editing existing team member's full name to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the full name with numbers/symbols. E.g. (max234£\$)</p>	<p>An error should be able to tell the user that using characters/numbers are not allowed since it is a name and should on consist of letters.</p>	<p>The user should be notified with an error if they attempt to use illegal argument when editing existing team member's full name to the database.</p>
SE-F-040	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when using repeating letters when editing existing team member's full name to the database.</p> <p>(Test for TaskerMan)</p>	<p>Repeat a letter numerous times. E.g. repeat "b" 46 times when editing existing member's info.</p>	<p>An error should be able to tell the user that repeating letters are not allowed since it is not a sensible name.</p>	<p>The user should be notified with an error if they attempt use repeated letters when editing existing team member's full name to the database.</p>

SE-F-041	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when exceeding maximum length of full name, when editing existing team member's full name to the database.</p> <p>(Test for TaskerMan)</p>	Type letters that will exceed to 100 words.	The user should receive an error if they reached the maximum length of words (50) that the field can handle.	The user should be notified with an error if they attempt to exceed the length of name when editing existing team member's full name to the database.
SE-F-042	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when leaving the field blank for the name input field when editing existing team member's full name to the database.</p> <p>(Test for TaskerMan)</p>	Edit the name field to blank when editing existing member's info.	The user should receive an error if the name field is left blank and should give a message for the user to fill in the blank field.	The user should be notified with an error if they attempt to leave the name field blank when editing existing team member's full name to the database.
SE-F-043	FR3	Web application edit member info Page:	Enter the name of the member where it should only consist of letters that do not exceed maximum of 50 words. E.g. (Tom Hanks)	The user should be able to input the name of a new member if the criteria matches and no error should be given when the name is typed within the name field and the field	When entering the name that matches with the arguments the user should not face any error message

		<p>Testing if the field allows correct input to be used when using legal exception into name field when editing existing team member's full name to the database.</p> <p>(Test for TaskerMan)</p>		<p>should accept the name that has been typed in.</p>	<p>as long as they are using legal exception.</p>
SE-F-044	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when the user use illegal input for the email input field when editing existing team member's email to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the email wit symbols that do not match the email criteria e.g.</p> <p>Bob%@mail.com</p>	<p>An error should tell the user that using illegal inputs are not allowed and should only consists of symbols that need to be used for the email.</p>	<p>The user should be notified with error if they attempt to use illegal input when editing existing team member's email to the database.</p>
SE-F-045	FR3	<p>Testing if user receives Web application edit member info Page: error when using repeating letters/number when editing existing team</p>	<p>Repeat a letter/number numerous times. E.g. repeat "bbbbbbbbbb111111@maail.com"</p>	<p>An error should tell the user that repeating letters are not allowed since it is not a sensible email.</p>	<p>The user should be notified with an error if they attempt use repeated letters when editing existing team member's email to the database.</p>

		member's email to the database. (Test for TaskerMan)			
SE-F-046	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when the user does not use "@" and "." sign for the email input field when editing existing team member's email to the database.</p> <p>(Test for TaskerMan)</p>	<p>Enter the email without @ e.g. Mymail.mail.com</p> <p>Or without "." e.g. mymail@mailcom</p>	An error should to warn the user that they don't have appropriate symbols in order to form a valid email id.	The user should be notified with error if they attempt to use an invalid email when editing existing team member's email to the database.
SE-F-047	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when leaving the field blank for the email input field when editing existing team member's email to the database.</p>	Edit the email field blank while editing existing team member's info.	The user should receive an error if the email field is left blank and should give a message for the use to fill in the blank field.	The user should be notified with an error if they attempt to leave the email field blank when editing existing team member's email to the database.

		(Test for TaskerMan)			
SE-F-048	FR3	<p>Web application edit member info Page:</p> <p>Testing if the field works when legal inputs are applied to the email field when editing existing team member's email to the database.</p> <p>(Test for TaskerMan)</p>	Enter the correct input of email e.g. yourmail@mail.com	The user should be able to input the email of a new member if the criteria for the email matches and no error should be given when the email is typed correctly in the email field.	When entering the email that matches with the legal criteria the user should not face any error message.
SE-F-049	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when illegal attributes are used within the password when editing existing team member's password to the database.</p> <p>(Test for TaskerMan)</p>	Enter the password with symbols or with space. E.g. "pass 123@£\$" or "pass££\$£££"	An error should be able to tell the user that only alphanumeric passwords are allowed and the password should not consist of space.	The user should be notified with error if they attempt to use illegal attributes for the password when editing existing team member's password to the database.

SE-F-050	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when exceeding maximum length of password when editing existing team member's password to the database.</p> <p>(Test for TaskerMan)</p>	Repeat a letter/number numerous times. E.g. repeat "bbbb3333" 46 times	An error should tell the user that repeating letter/number/s are not allowed since it is not a sensible or sensitive password.	The user should be notified with an error if they attempt to use repeating alphanumeric password e.g. (sssss2222) when editing existing team member's password to the database.
SE-F-051	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when exceeding maximum length of password when editing existing team member's password to the database.</p> <p>(Test for TaskerMan)</p>	Type password that will exceed to 100 words.	The user should receive an error if they reached the maximum length of password (16) that the field can handle.	The user should be notified with an error if they attempt to exceed the length of the password when editing existing team member's password to the database.

SE-F-052	FR3	<p>Web application edit member info Page:</p> <p>Testing if user receives error when leaving the field blank for the password input field when editing existing team member's password to the database.(Test for TaskerMan)</p>	Edit the password field to blank while editing existing team member's info.	The user should receive an error if the password field is left blank and should give a message for the user to fill in the blank field.	The user should be notified with an error if they attempt to leave the password field blank when editing existing team member's password to the database.
SE-F-053	FR3	<p>Web application edit member info Page:</p> <p>Testing if the field works when legal inputs are applied to the password field when editing existing team member's password to the database.</p> <p>(Test for TaskerMan)</p>	Enter the password which is alphanumeric and does not exceed above the length of 16.(E.g. "soft16ware")	The user should be able to input the password for a new member if the legal criteria for the password matches and no error should be given when the password is set correctly in the password field.	When entering the password that matches with the legal criteria the user should not face any error message.
SE-F-054	FR3	Web application edit member info Page:	Testing the admin box on the edit member info page (which can be done by clicking a member in	By allowing administrator privilege admin will be able to have a login access and make changes to the	Member who has admin privilege will be able to log in to the TaskerMan web application. Members who

		<p>Testing if the admin privilege is working when the user ticks the admin box while editing existing team members that are already in the database.</p> <p>(Test for TaskerMan)</p>	<p>member page and clicking on edit member) in order to enable administrator privilege for the members and click submit.</p>	<p>tasks and also the members within the website and the database.</p>	<p>don't will not be able to access the TaskerMan, as it is only accessible to admin.</p>
SE-F-055	FR3	<p>Web application edit member info Page:</p> <p>Testing if it gives error when all of the field are left blank when editing the information of the existing member.</p> <p>(Test for TaskerMan)</p>	<p>Edit all of the field to be blank and press submit.</p>	<p>The user should receive an error saying that the field/s is/are blank and need to be filled in.</p>	<p>User should be notified by receiving an error saying that the field/s need to be filled in to edit the existing member's detail.</p>
SE-F-056	FR3	<p>Web application edit member info Page:</p> <p>Testing if the information of the existing member is updated to the database.</p>	<p>Fill all the field: name, email, and password appropriately (select profile picture or enable admin if needed) and click submit.</p>	<p>The user should be able to see the changes of the member by going to member page and clicking on the profile of existing member that has been added to the database.</p>	<p>User should be able to see the changes that has been made to the member information by going to the member's info page.</p>

		(Test for TaskerMan)			
SE-F-057	FR3	<p>Web application Main Page:</p> <p>Testing if Log out from the main page will log the user out from the web application.</p> <p>(Test for TaskerMan)</p>	On the main page after the user has made/create changes. Click on the logout button from the main page.	The user should be logged out from the web application successfully and should be directed to the login page of the web application.	The user should be logged out from the web application system.
SE-F-058	FR4	<p>Web application create task Page:</p> <p>Testing Navigation button (Create task) which will link to create task page on the web application.</p> <p>(Test for TaskerMan)</p>	Click on the Create task navigation button (the user should be outside the create task webpage, since it won't be able to direct them to the webpage that they are already on).	<p>The button should highlight when the mouse is hovered and when it is clicked it should</p> <p>direct the user to the create task page</p>	When the users clicks the create task button from the navigation panel, it should take the user to the correct web page (create task page) if they are in different webpage. If they are in the same web page as the hyperlink of the button they won't be taken anywhere else.
SE-F-059	FR4	Web application create task Page:	Enter the task title with illegal symbols e.g. (te\$t!ng)	<p>For test 1 :</p> <p>An error should be able to tell the user that using characters are not</p>	The user should be notified with an error if they attempt to use illegal

		<p>Testing if user receives error when using illegal characters when creating title name for a new task.</p> <p>(Test for TaskerMan)</p>		<p>allowed since it is a title and should not consist of illegal characters.</p>	<p>argument when creating title name for a new task.</p>
SE-F-060	FR4	<p>Web application create task Page:</p> <p>Testing if user receives error when using repeating letters when creating title name for a new task.</p> <p>(Test for TaskerMan)</p>	<p>Repeat a letter numerous times. E.g. repeat “b” 46 times while adding new team member.</p>	<p>An error should be able to tell the user that repeating letters are not allowed since it is not a sensible title name.</p>	<p>The user should be notified with an error if they attempt use repeated letters when creating title name for a new task.</p>
SE-F-061	FR4	<p>Web application create task Page:</p> <p>Testing if user receives error when exceeding maximum length of name when creating title name for a new task.</p> <p>(Test for TaskerMan)</p>	<p>Type letters that will exceed to 100 words.</p>	<p>The user should receive an error if the maximum length of title (60) is reached saying that the maximum length of the title has been reached.</p>	<p>The user should be notified with an error if they attempt to exceed the length of title when creating title name for a new task.</p>

SE-F-062	FR4	<p>Web application create task Page:</p> <p>Testing if user receives error when leaving the field blank for the name input field when creating title name for a new task.</p> <p>(Test for TaskerMan)</p>	<p>Leave the title name field blank while adding new team member.</p>	<p>The user should receive an error if the task title field is left blank and should give a message for the use to fill in the blank field.</p>	<p>The user should be notified with an error if they attempt to leave the task title field blank when creating title name for a new task.</p>
SE-F-063	FR4	<p>Web application create task Page:</p> <p>Testing if the field allows correct input to be used when using legal exception into name field when creating title name for a new task.</p> <p>(Test for TaskerMan)</p>	<p>Enter the task title of the member where it should only consist of letters that do not exceed maximum of 60 words. E.g. (Task Remove Member)</p>	<p>The user should be able to input the new task title if the criteria matches and no error should be given when it is typed within the task title field should accept the title name that has been typed in.</p>	<p>When entering the new task title that matches with the legal exception the user should not face any error message as long as they are using legal exception.</p>
SE-F-064	FR4	<p>Web application create task Page:</p> <p>Create task page:</p>	<p>Choose a Member (that are registered in the database) from the dropdown list.</p>	<p>The user should be able choose the names of the member from that dropdown list and allocate the new task to the chosen member.</p>	<p>The drop down list should work by providing members that are registered within the database.</p>

		<p>Testing that the new task can be allocated to registered members from the database.</p> <p>(Test for TaskerMan)</p>			
SE-F-065	FR4	<p>Web application create task Page:</p> <p>Create task page:</p> <p>Testing that the start date of the task can be applied in correct date format and also that the start date starts before the actual complete date for the new task.</p> <p>(Test for TaskerMan)</p>	<p>Enter the start date with the appropriate format (dd/mm/yyyy).</p> <p>e.g. 12/05/2015</p>	<p>The user should be able to input the date that the task is going to start with the appropriate date layout</p>	<p>The field should be able to take the date. An error should occur if the field does not correspond to the appropriate date format</p>
SE-F-066	FR4	<p>Web application create task Page:</p> <p>Create task Page:</p> <p>Testing that the date completion can be</p>	<p>Enter the date completion with appropriate format (dd/mm/yyyy).</p> <p>e.g. 13/02/2015</p>	<p>The user should be able to input the date of the completion of their task in the appropriate date format.</p>	<p>The date of completion should work if the format of the date is correct.</p>

		<p>applied with correct date format for the new task.</p> <p>(Test for TaskerMan)</p>			
SE-F-067	FR4	<p>Web application create task Page:</p> <p>Create task Page:</p> <p>Testing if error is given when the completion date has a date that is before the start date for the new task.</p> <p>(Test for TaskerMan)</p>	<p>Enter the start date that is after the completion date e.g. 26/12/2015 and completion date before the start date e.g. 22/12/2015</p>	<p>The user should receive pop up error stating that the start date needs to be earlier than the completion date.</p>	<p>An error should be received by the user if they inputted incorrect date for the start date that starts after the completion date is finished.</p>
SE-F-068	FR4	<p>Web application create task Page:</p> <p>Create task Page:</p> <p>Testing that the start date works if it is set to starts before the completion date for the new task.</p>	<p>Enter the start date that is before the completion date e.g. 23/01/2015 and end date after the start date e.g. 26/01/2015</p>	<p>The user should be able to input the start date that is before the completion date and there should be no error.</p>	<p>The start date should work with no error.</p>

		(Test for TaskerMan)			
SE-F-069	FR4	<p>Web application create task Page:</p> <p>Testing if it gives error when exceeding maximum length for the comment input field when adding comment to a new task.</p> <p>(Test for TaskerMan)</p>	Type texts that will exceed to 500 words when creating a new task.	The user should receive an error if they reached the maximum length of words (500) that the field can handle.	The user should be notified with an error if they attempt to exceed the text limit for the comment field stating that they have exceeded their text limits.
SE-F-070	FR4	<p>Web application create task Page:</p> <p>Testing if it gives error when leaving the field blank for the comment input field when adding comment to a new task.</p> <p>(Test for TaskerMan)</p>	Leave the task comment field blank when creating a new task.	The user should receive an error if the comment field is left blank and should give a message for the use to fill in the blank field.	The user should be notified with an error if they attempt to decide to leave it blank stating that the comments field need to be filled in.

SE-F-071	FR4	<p>Web application create task Page:</p> <p>Testing whether if the task can be added if all the fields are left blank.</p> <p>(Test for TaskerMan)</p>	<p>Click on the add button the create task page leave all the fields blank and click the add button.</p>	<p>The user should receive an error message stating they need to fill out the field/s to create the new task.</p>	<p>User shouldn't be able to create task unless they are able to fill out all the fields in create task page.</p>
SE-F-072	FR4	<p>Web application create task Page:</p> <p>Testing the addition of the new task to the database (Add button)</p> <p>(Test for TaskerMan)</p>	<p>Click on the Add Button on the create task page after filling out all the appropriate field task title, allocated member, start date, date of completion and comment.</p>	<p>The user Should be able to add the task to the database. The task will be shown/displayed in View task page which can be accessed by click view task button within the navigation panel and can view the detail of the task or edit it.</p>	<p>User should be able to see the newly added task that has been created which is displayed in view task page.</p>
SE-F-073	FR4	<p>Web application create task Page:</p> <p>Testing if the status of new task is set as allocated to the assigned member.</p>	<p>Assign a new task to a member going to create task page and creating a new task. Go to view task.</p>	<p>The status should appear as allocated for the assigned user until the task has been edited to have a different status.</p>	<p>The user should be able to assign automation allocation option to the member if a new task has been assigned to them.</p>

		(Test for TaskerMan)			
SE-F-074	FR5	<p>Web application create task Page:</p> <p>Testing if the cancel button works when creating new task i.e. if the task already exists we want to cancel the creation of the existing task.</p> <p>(Test for TaskerMan)</p>	On the create task page click cancel button to cancel the creation of the new task.	By clicking the cancel button the user should be directed to the home page of the TaskerMan and the creation of the new task should be cancelled.	User should be able to cancel the creation of the task and should take them to the home page of the web application,
SE-F-075	FR3	Testing if something happens when duplicate entry are added when creating the new member.	Click on add from the members page. Type in detail of the member that already exists in the database e.g. Name can be "Nigel hardy", email can be " nwh@aber.ac.uk ", password can be "fish" and click add.	User should not be able to create the existing member in the database and should reset all of the fields for them when they are creating the new member letting them know that the member already exists in the database.	Duplicate member entries when creating the new member are not allowed.
SE-F-076	FR5	Web application edit task Page:	Enter the task title with illegal symbols e.g. (te\$t!ng)	<p>For test 1 :</p> <p>An error should be able to tell the user that using characters are not allowed since it is a title and should not consist of illegal characters.</p>	The user should be notified with an error if they attempt to use illegal argument when editing

		<p>Testing if user receives error when using illegal characters when editing the name of the existing task.</p> <p>(Test for TaskerMan)</p>			the name of the existing task.
SE-F-077	FR5	<p>Web application edit task Page:</p> <p>Testing if user receives error when using repeating letters when editing the name of the existing task.</p> <p>(Test for TaskerMan)</p>	Repeat a letter numerous times. E.g. repeat “b” 46 times when editing the existing task name.	An error should be able to tell the user that repeating letters are not allowed since it is not a sensible task name.	The user should be notified with an error if they attempt use repeated letters when editing the name of the existing task.
SE-F-078	FR5	<p>Web application edit task Page:</p> <p>Testing if user receives error when exceeding maximum length of name when editing the name of the existing task.</p> <p>(Test for TaskerMan)</p>	Type letters that will exceed to 100 words.	The user should receive an error if the maximum length of title (60) is reached saying that the maximum length of the title has been reached.	The user should be notified with an error if they attempt to exceed the length of title when editing the name of the existing task.

SE-F-079	FR5	<p>Web application edit task Page:</p> <p>Testing if user receives error when leaving the field blank for the name input field when editing the name of the existing task.</p> <p>(Test for TaskerMan)</p>	Edit the existing task title field blank while editing existing task.	The user should receive an error if the task title field is left blank and should give a message for the user to fill in the blank field.	The user should be notified with an error if they attempt to leave the task title field blank when editing the name of the existing task.
SE-F-080	FR5	<p>Web application edit task Page:</p> <p>Testing if the field allows correct input to be used when using legal exception into name field when editing the name of the existing task.</p> <p>(Test for TaskerMan)</p>	Enter the task title of the member where it should only consist of letters that do not exceed maximum of 60 words. E.g. (Task Remove Member)	The user should be able to input the new task title if the criteria matches and no error should be given when it is typed within the task title field should accept the title name that has been typed in.	When entering the new task title that matches with the legal exception the user should not face any error message as long as they are using legal exception.
SE-F-081	FR5	Web application edit task Page:	Choose a	The user should be able to choose the names of the member from that	The drop down list should work by providing members

		<p>Testing that the new task can be allocated to registered members from the database.</p> <p>(Test for TaskerMan)</p>	<p>Member (that are registered in the database) from the dropdown list.</p>	<p>dropdown list and allocate the existing task to the chosen member.</p>	<p>that are registered within the database.</p>
SE-F-082	FR5	<p>Web application edit task Page:</p> <p>Testing that the start date of the task can be applied in correct date format and also that the start date starts before the actual complete date for the existing task.</p> <p>(Test for TaskerMan)</p>	<p>Edit the start date with the appropriate format (dd/mm/yyyy).</p> <p>e.g. 12/05/2015</p>	<p>The user should be able to input the date that the task is going to start with the appropriate date layout</p>	<p>The field should be able to take the date. An error should occur if the field does not correspond to the appropriate date format</p>
SE-F-083	FR5	<p>Web application edit task Page:</p> <p>Testing that the date completion can be applied with correct date</p>	<p>Edit the date completion with appropriate format (dd/mm/yyyy).</p> <p>e.g. 13/02/2015</p>	<p>The user should be able to input the date of the completion of their task in the appropriate date format.</p>	<p>The date of completion should work if the format of the date is correct.</p>

		format for the existing task. (Test for TaskerMan)			
SE-F-084	FR5	Web application edit task Page: Testing if error is given when the completion date has a date that is before the start date for the existing task. (Test for TaskerMan)	Edit the start date of the existing task that is after the completion date e.g. 26/12/2015 and completion date before the start date e.g. 22/12/2015	The user should receive pop up error stating that the start date needs to be earlier than the completion date.	An error should be received by the user if they inputted incorrect date for the start date that starts after the completion date is finished.
SE-F-085	FR5	Web application edit task Page: Testing that the start date works if it is edited to start before the completion date for the existing task. (Test for TaskerMan)	Edit the start date of the existing task that is before the completion date e.g. 23/01/2015 and end date after the start date e.g. 26/01/2015	The user should be able to input the start date that is before the completion date and there should be no error.	The start date should work with no error.

SE-F-086	FR5	<p>Web application edit task Page:</p> <p>Testing if it gives error when exceeding maximum length for the comment input field when editing comment to the existing task.</p> <p>(Test for TaskerMan)</p>	<p>Edit comment that will exceed to 500 words when creating an editing existing task.</p>	<p>The user should receive an error if they reached the maximum length of words (500) that the field can handle.</p>	<p>The user should be notified with an error if they attempt to exceed the text limit for the comment field stating that they have exceeded their text limits.</p>
SE-F-087	FR5/FR6	<p>Web application edit task Page:</p> <p>Testing if it gives error when leaving the field blank for the comment input field when editing comment to the existing task.</p> <p>(Test for TaskerMan)</p>	<p>Edit the task comment field to be blank when editing existing task.</p>	<p>The user should receive an error if the comment field is left blank and should give a message for the user to fill in the blank field.</p>	<p>The user should be notified with an error if they attempt to decide to leave it blank stating that the comments field need to be filled in.</p>
SE-F-088	FR5/FR6	<p>Web application edit task Page:</p>	<p>Choose abandoned options from the radio button when editing the existing task.</p>	<p>The user should be able to abandon the task when they edit the task information. The status of the task should be set as abandoned when</p>	<p>The user should be able to operate the status of the task with the radio button to</p>

		<p>Testing if the user can change the status of the task when editing the existing task in the database by using radio button to specify what status the task is at.</p> <p>(Test for TaskerMan)</p>		the task is viewed in the view task page.	give information that the task has been abandoned.
SE-F-089	FR5/FR6	<p>Web application edit task Page:</p> <p>Testing if the user can change the status of the task when editing the existing task in the database by using radio button to specify what status the task is at.</p> <p>(Test for TaskerMan)</p>	Choose completed options from the radio button when editing the existing task.	The user should be able to set the task as completed when they finish a task/s. The status of the task should be set as completed when the task is viewed in the view task page.	The user should be able to operate the status of the task with the radio button to give information that the task has been completed.
SE-F-090	FR5	<p>Web application edit task Page:</p>	<p>Click on Edit from view task page.</p> <p>When editing information of the existing task leave all the fields blank and click the edit button on the edit task page.</p>	The user The user should receive an error message stating they need to fill out the field/s when editing information of the existing task.	User shouldn't be able to create task unless they are able to fill out all the fields in create task page.

		<p>Testing if the task can be edited if all the fields are left blank and submitted</p> <p>(Test for TaskerMan)</p>			
SE-F-091	FR3	<p>Web application edit task Page:</p> <p>Test if the submission of the changes update the database (edit button)</p> <p>(Test for TaskerMan)</p>	<p>Click on Edit from view task page. Fill out all the appropriate: field task title, allocated member, start date, date of completion, comment and status (allocate, abandoned, complete).</p> <p>After editing information of the existing task click the edit button on the edit task page.</p>	<p>The user should be able to update the task to the database. The task will be shown/displayed in View task page which can be accessed by click view task button within the navigation panel and can view the detail of the task or edit it.</p>	<p>User should be able to see the newly added task that has been created which is displayed in view task page.</p>
SE-F-092	FR7	<p>Web application View task page:</p> <p>Testing</p> <p>Button that will link to the View Task page.</p> <p>(Test for TaskerMan)</p>	<p>Click on the View Task navigation button (the user should be outside the view task webpage, since it won't be able to direct them to the webpage that they are already on).</p>	<p>The button should highlight when the mouse is hovered and when it is clicked it should</p> <p>direct the user to the view task page</p>	<p>When the user clicks the view task button from the navigation panel, it should take the user to the correct web page (view task page) if they are in different webpage. If they are in the same web page as the hyperlink of the button they won't be taken anywhere else. It should be able to display</p>

					the information for all of the tasks when the user is within the view task page.
SE-F-093	FR2	<p>Web application View task info page:</p> <p>Testing the view button for the task/s work within the view task page.</p> <p>(Test for TaskerSRV)</p>	Click on the View button to view the information of the task/s.	The user should be able to view full information of the task when they click the view button, which has been hyperlinked to viewing a task page with information.	The user should be able to view the task and also be able to view full detail of a task but should not be able to edit it.
SE-F-094	FR7	<p>Web application View task info page:</p> <p>Testing the return button for the task/s work within the view task page.</p> <p>(Test for TaskerMan)</p>	Click return button within the task information page to return to the view task page	The user should be able to return to the view task page when they click the return button in the task information section where it gives full details of the task.	The user should be able to return to the task page so they can view other task.
SE-F-095	FR7	<p>Web application edit task page:</p>	Click on the Edit button to edit the task information.	The user should be directed to the edit task page so that they can edit the existing task/s.	The user should be able to go the edit task page by clicking the edit button so that they can make changes to the existing task.

		<p>Testing the edit button for the task/s work within the view task page.</p> <p>(Test for TaskerMan)</p>			
SE-F-096	FR7	<p>Web application edit task page:</p> <p>Testing the status of the task changes in the task display in view task page.</p> <p>(Test for TaskerMan)</p>	<p>Click on the edit task and change the status of the task e.g. if the task is allocated change it to complete or abandoned or change the allocation of the member.</p>	<p>The task should update the information and also the changed task that has been displayed in the view task page should be updated.</p>	<p>The user should be able to see a change in the task information in the view task page.</p>
SE-F-097	FR1/FR7/FR3/FR2	<p>Web application navigation panel(log out button):</p> <p>Testing the logout button works from the navigation panel and logs out the admin.</p> <p>(Test for TaskerMan)</p>	<p>Click on the logout button from navigation panel and choose yes.</p>	<p>The admin should be logged out and should be redirected to the login page of the TaskerMan</p>	<p>The user should be able to logout of the web application once they have done their job.</p>
SE-F-098	FR1/FR7/FR3/FR2	<p>Web application TaskerMan logo:</p>	<p>Click on the TaskerMan logo.</p>	<p>The user should be able to click on the TaskerMan logo which should take them to the main page of the website.</p>	<p>The logo should direct user to the main page.</p>

		<p>Testing that the user can navigate to the homepage of TaskerMan when the user is in member page.</p> <p>(Test for TaskerMan)</p>			
SE-F-099	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in edit member page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.
SE-F-100	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in creating task page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.

SE-F-101	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in edit task page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.
SE-F-102	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in view task page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.
SE-F-103	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in creating task page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.

SE-F-104	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in adding member page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.
SE-F-105	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in remove member page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.
SE-F-106	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in member info page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.

SE-F-107	FR1/FR7/ FR3/FR2	<p>Web application TaskerMan logo:</p> <p>Testing that the user can navigate to the homepage of TaskerMan when the user is in task info page.</p> <p>(Test for TaskerMan)</p>	Click on the TaskerMan logo.	The user should be able to click on the TaskerMan logo which should take them to the main page of the website.	The logo should direct user to the main page.
SE-F-108	FR8	<p>CLI Application Login:</p> <p>Destining if it gives error to the user when they open the application, both of the field are left blank and they press login button.</p> <p>(Test for TaskerCLI)</p>	Open the TaskerCLI application and leave both of the user id and password unfilled, then press the login button.	An error should be given telling that the user needs fill in the blank fields in order to login to the application.	An error is given to the user for blank fields.
SE-F-109	FR8	<p>CLI Application Login:</p> <p>Testing if the login function of the application works when the user provides correct login</p>	Open the TaskerCLI application. Login with correct username and password. E.g. the login can be “nwh@aber.ac.uk” and the password can be	The user should be able to login to the CLI application and use its features.	Entering the correct login details should grant the user an entry to the CLI application and they would be identified by their username that is registered within the database.

		that the database has stored. (Test for TaskerCLI)	“fish” then press the login button.		
SE-F-110	FR8	CLI Application Login: Testing if the login function works when the username field is left blank while trying to attempt logging in the CLI application. (Test for TaskerCLI)	Leave the Username field blank but type in password e.g. “passcode34” and click the login button.	When trying to attempt logging in while the username field is blank, it will give an error message to fill in the blank field.	If the user has attempted to login to the application while leaving the username field blank they should receive an error message.
SE-F-111	FR8	CLI Application Login: Test if the login gives error when user uses illegal attributes that is not valid for the username field when log in to the CLI application. The “@” does not apply since	Click on the TaskerCLI application. Input the username and password and click the login button. User should have illegal attributes such as “\$%tom^&” user name and enter password “pass22120”.	When trying to attempt logging in to the TaskerCLI application while the username fields have illegal attributes, an error should be given to the user.	An error message should be given to the user to warn them and also state they need to enter the login details correctly again.

		<p>we can use email as username.</p> <p>(Test for TaskerCLI)</p>			
SE-F-112	FR8	<p>CLI Application Login:</p> <p>Test if the login gives error when user uses illegal attributes in password field to log in to the CLI application.</p> <p>(Test for TaskerCLI)</p>	<p>Click on the TaskerCLI application.</p> <p>Input the username and password and click the login button.</p> <p>Username can be normal e.g. "nwh@aber.ac.uk" but</p> <p>User should have illegal attributes such as password "{} &&'£".</p>	<p>When trying to attempt logging in to the web application while the password fields have illegal attributes, an error should be given to the user.</p>	<p>An error message should be given to the user to warn them and also state they need to enter the login details correctly again.</p>
SE-F-113	FR8	<p>CLI Application Login:</p> <p>Test if the login gives error when user uses illegal attributes in both username and password field to log in to the CLI application.</p>	<p>Click on the TaskerCLI application.</p> <p>Input the username and password and click the login button.</p> <p>User should have illegal attributes such as "* else&&" user name and password "{} &&'£".</p>	<p>When trying to attempt logging in to the web application while the username & password fields have illegal attributes, an error should be given to the user.</p>	<p>An error message should be given to the user to warn them and also state they need to enter the login details correctly again.</p>

		(Test for TaskerCLI)			
SE-F-114	FR8	<p>CLI Application Login:</p> <p>Test if the user/s (who are in the database) that are login can be identified to make sure it is the correct user that has logged in to the CLI application.</p> <p>(Test for TaskerCLI)</p>	<p>Open the CLI application.</p> <p>Login to the CLI.</p>	<p>The username of the user should be displayed within the CLI application after they have logged in to help them identify that the correct user has logged in to the CLI application.</p>	<p>The username of the user should be displayed after they are logged in to notify them that they have logged in.</p>
SE-F-115	FR8	<p>CLI Application Login:</p> <p>Test to see if user can login when they are in offline mode with their login details.</p> <p>(Test for TaskerCLI)</p>	<p>Open CLI application.</p> <p>Login with username and password (only people who are registered in the database can login) and click on offline.</p>	<p>The user should be able to login to the CLI application in offline mode and also be able to make changes to the tasks.</p>	<p>The user should be able to login to the application with their normal username and password.</p>
SE-F-116	FR8a	<p>CLI Application Local storage:</p>	<p>Close the Application.</p>	<p>The program should automatically save the tasks for the user.</p>	<p>The tasks are saved in the correct folder.</p>

		Test the local storage of tasks (Test for TaskerCLI)			
SE-F-117	FR8a FR11	CLI Application Synchronisation: Synchronised timing (Test for TaskerCLI)	Wait 5 minutes without internet.	If the server is offline or the users don't have an internet connection, taskerCLI should save the tasks locally for the user.	The task can be accessed offline.
SE-F-118	FR9	CLI Application Synchronisation: Testing comments on the task synchronisation when the user set to offline mode. (Test for TaskerCLI)	After waiting 5 minutes without internet, when the user is in offline mode i.e. they do not have internet. Click on the task and click edit current task. Add comment and click submit.	The comment of the tasks should be saved locally and synchronised with the server as soon as the user is connected to the internet.	The comments within the tasks are synchronised
SE-F-119	FR9/FR11	CLI Application Synchronisation:	Use the application with the internet and turn off the internet after a while.	The tasks should be synchronised with the server if the internet is	The tasks are synchronised

		<p>Testing (task synchronisation) if the user is using the application online but they face with internet connection problem.</p> <p>(Test for TaskerCLI)</p>			
SE-F-120	FR9	<p>CLI Application Synchronisation:</p> <p>Testing task synchronisation pre-loads the task that the user has been set to when they login to the application.</p> <p>(Test for TaskerCLI)</p>	Login to the CLI application as a valid user that exists in the database.	Once the user is logged in the CLI interface should display the use task for the user. Task synchronisation should sync all the allocated (on-going) task of the user.	Only the on-going tasks that have been allocated to the user should be shown within the CLI application.
SE-F-121	FR9	<p>CLI Application Synchronisation:</p> <p>Testing if the changes to the tasks will be transferred from the local storage as soon as the web</p>	Click on the application and login in with access to the internet. Click on one of the task to view its detail that has been	The local storage should help update the task changes once there is an internet access. If the task has been changed user will be able to notice i.e. completed task will not be viewable.	Local storage will be able to update the changes to the task once the application has gained access to the internet.

		application has internet access. (Test for TaskerCLI)	changed offline and was saved to the local storage.		
SE-F-122	FR9	CLI Application Synchronisation: Testing the changes that has been made CLI will also effect the web application. (Test for TaskerCLI)	Change one of the allocated tasks to complete and view the task on the web application.	The task that has been changed should have status as complete on the web application.	User will be able to notice the changes if the task has been changed/updated.
SE-F-123	FR9	CLI Application Synchronisation: Testing whether the user will be able to make changes offline and then update the changes as soon as the application has access to internet. (Test for TaskerCLI)	User makes changes to the task in offline mode.	The local tasks will be saved to the local storage and will be synced to the database as soon as possible.	The user should be able to see the changes of the tasks that they have made when they are online.

SE-F-124	FR9	<p>CLI Application Synchronisation:</p> <p>Testing changes made offline saves the changes in the local storage (local file i.e. plain text file).</p> <p>(Test for TaskerCLI)</p>	<p>After the changes has been made to the task.</p> <p>Close the application.</p>	<p>The changes should have been saved in a local file in their CLI folders and should be able to display tasks information which is going to be synchronised as soon as the application is set to online.</p>	<p>The file should hold the record that should later be synchronised when the user login to the CLI in online status.</p>
SE-F-125	FR9	<p>CLI Application Synchronisation:</p> <p>Testing whether the local storage actually saves the changes in the local file that has been made offline.</p> <p>(Test for TaskerCLI)</p>	<p>Click on the local storage file called saveLocation.</p>	<p>User should be able to see the file and open the file to view changes of the task.</p>	<p>User should be able to see a local file made to their folder of CLI application or where they have saved the CLI.</p>

SE-F-126	FR9	<p>Downloading the CLI app:</p> <p>Testing that the application can be downloaded on the TaskerMan page when the download link is clicked.</p> <p>(Test for TaskerCLI and TaskerMan)</p>	Go to TaskerMan login page and click the "download TaskerCLI link".	The link should automatically (or if prompted select yes) download the TaskerCLI for the user.	The user should be able to download the CLI application and access it.
SE-F-127	FR10	<p>CLI application edit features:</p> <p>Edit task button</p> <p>(Test for TaskerCLI)</p>	<p>When the user is logged in on the CLI application, Click on the Edit Task button.</p>	The user should be able click on the Edit task, which will direct them to the edit section within the application.	<p>Edit button</p> <p>must function properly which is to open edit task section</p>
SE-F-128	FR10	<p>CLI application edit features:</p> <p>Testing the Task Details Panel to display the task name to the user.</p> <p>(Test for TaskerCLI)</p>	On the taskerCLI application, the left corner should contain task titles.	The Task Details Panel should be able to display the existing tasks that is only allocated to the member.	User should only be able to see the allocated task on the task details panel.
SE-F-129	FR10	<p>CLI application (task display):</p>	When the user is logged in, On the CLI application click one of the task title which is on the	The user should be able to see the detail of the task that they have	The details of the task should be viewable to the user and should be

		Testing the JTable, which will display the details of the tasks that are displayed in the CLI application for the user. (Test for TaskerCLI)	left hand side of the application interface.	chosen on the right hand side of the CLI application interface.	shown in a correct format.
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References

- [1] Software Engineering Group Projects – QA Document SE-QA-RS– Requirements Specification 1.2, N.W.Hardy.
- [2] Software Engineering Group Projects– QA Document SE.QA.05 – Designing Specification Standards 1.8, N.W.Hardy.
- [3] Software Engineering Group Projects – QA Document SE.QA.06– Test Procedure Standards 1.2, N.W.Hardy.

Change History

Version	CCF No.	Date	Changes Made To Document	Changed By
1.1	N/A	2015-11-12	Format changed to suit design specification. Changed release version. Edited text to be grammatically correct.	Robert Mouncer – rdm10
1.2	N/A	2016-01-28	Changed the test section in regards to the feedback that has been provided for the first version	Max Limbu – mal30
1.3	N/A	2016-01-28	Changed to review	Robert Mouncer – rdm10
1.4	N/A	2016-02-10	Made changes to few elements of the test specification. Added references.	Max Limbu -mal30