Group 05 Testing Specification

Author – Maurice Corriette

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Computer science Department of Aberystwyth

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# Purpose of document

The purpose of this document is to present the testing specification for software engineering group 05, they will be later used to test the working system to ensure functional requirements are met and the system is robust.

# Scope

This document solely covers the testing specification and is to be read by the quality assurance manager, project manager and project leader. Please consult document seqa3 before reading.

# Subsystem TaskerSRV/TaskerMAN

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| --- | --- | --- | --- | --- | --- |
| Test Ref | Req being tested | Test content | Input | Output | Pass criteria |
| TS1 | FR7 | Logging into system | Do not enter email address and click on login button | User is told to enter an email address | User access is prohibited |
| TS2 | FR7 | Logging into system | Enter email address “antibones123” and click on login button | User is told to enter a valid email address | User access is prohibited |
| TS3 | FR7 | Logging into system | Enter email address abcde123@aber.ac.uk and click on login button | User is told that the email is not recognised | User access is prohibited |
| TS4 | FR7 | Logging into system | Enter email address “mac81@aber.ac.uk”  And click on login button | User directed to main menu | User access is granted |
| TS5 | FR3 | Add new team member | On the main menu click on add button Do not enter a name or email and click on Add button | User is told that to enter a name and email | Name and email is rejected |
| TS6 | FR3 | Add new team member  (Relevant for later test) | Enter name “Maurice Corriette”  Enter email “abc123@aber.ac.uk” | Input accepted | New member is added to the system |
| TS7 | FR3 | Add new team member (Relevant for later test) | Enter name Test”  Enter email “test123@aber.ac.uk” | Input accepted | New member is added to the system |
| TS8 | FR3 | Add new team member(Relevant for later test) | Enter name “Josh Doyle”  Enter email “Doyle123@aber.ac.uk” | Input accepted | New member added to the system |
| TS9 | FR3 | Add new team member | Enter name “M”  Enter email “abc123@aber.ac.uk” | User is told that name is invalid | Name is rejected |

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| Test Ref | Req being tested | Test content | Input | Output | Pass criteria |
| TS10 | FR3 | Add new team member | Enter name “Maurice$£%^”  Enter email “abc123” | User is told that name and email is invalid | Name and email is rejected |
| TS11 | FR3 | Edit team member | Edit existing user “Maurice Corriette”  Make name blank | User is told to enter a name | Change is rejected |
| TS12 | FR3 | Edit team member | Edit existing user “Maurice Corriette”  Make name “M” | User is told that name is invalid | Change is rejected |
| TS13 | FR3 | Edit team member | Edit existing user “Maurice Corriette”  Make name “Maurice£$%” | User is told that name is invalid | Change is rejected |
| TS14 | FR3 | Edit team member | Edit Existing user “Maurice Corriette”  Make name “Maurice Jordan Corriette” | Input accepted | Change is successful |
| TS15 | FR3 | Edit team member | Edit existing user “Maurice Jordan Corriette”  Make email “abc123” | User is told that email is invalid | Change is rejected |
| TS16 | FR3 | Edit team member | Edit existing user “Maurice Jordan Corriette”  Make email “mac81@aber.ac.uk” | Input accepted | Change Is successful |
| TS17 | FR3 | Delete team member | Delete Existing user “Test” | User should be told that team member had been deleted | Deletion is successful |
| TS18 | FR3 | Delete team member | Delete existing user “John” | User is told that user does not exist | Deletion un-successful |

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| Test Ref | Req being tested | Test content | Input | | Output | | Pass criteria | | |
| TS19 | FR4 | Add new task | | Do not enter task name  Do not enter an assigned task member  Do not give a start or end date  Do no enter a description  Leave status as default ‘allocated’ | | User told to enter a name, assigned task member, start date, end date and description | | Task is rejected |
| TS20 | FR4 | Add new task | | Enter task name “Q”  Enter assigned task member “John”  Select start date “26/10/15”  Select end date “13/11/15”  Enter description “Creation of testing specification”  Leave status as default ‘allocated’ | | User told that Task name is invalid and that assigned task member does not exist | | Task is rejected |
| TS21 | FR4 | Add new task | | Enter task name “Testing specification”  Enter assigned task member “Maurice Jordan Corriette”  Select start date “13/11/15”  Select end date “23/10/15”  Enter description “Creation of testing specification”  Leave status as default ‘allocated’ | | User is told that end date must be after the start date | | Task is rejected |
| TS22 | FR4 | Add new task  (relevant for later test) | | Enter task name “Testing specification”  Enter assigned task member “Maurice Jordan Corriette”  Select start date “26/10/15”  Select end date “13/11/15”  Enter description “Creation of testing specification”  Leave status as default ‘allocated’ | | Input accepted | | Task is successfully added |

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| Test Ref | Req being tested | Test content | Input | Output | Pass criteria |
| TS23 | FR4 | Add new task (relevant for later test) | Enter task name “PostgreSQL spike work”  Enter assigned task member “David Fairbrother”  Select start date “12/10/15”  Select end date “19/10/15”  Enter description “Research into the PostgreSQL software”  Leave status as default ‘allocated’ | Input accepted | Task is successfully  added |
| TS24 | FR4 | Add new task | Enter task name “Testing specification”  Enter assigned task member “Maurice Jordan Corriette”  Select start date “266/101/125”  Select end date “133/111/155”  Enter description “Creation of testing specification”  Leave status as default ‘allocated’ | User told that start date and end date is invalid | Task is rejected |
| TS25 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change task name to blank  Change assigned task member to blank  Change description to blank | User told to enter a task name, enter a assigned task member and enter a description | Change is rejected |
| TS26 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change task name to “A” | User told to task name is invalid | Change is rejected |

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| --- | --- | --- | --- | --- | --- |
| Test Ref | Req being tested | Test content | Input | Output | Pass criteria |
| TS27 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change assigned task member to “John | User told that assigned task member does not exist | Change is rejected |
| TS28 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change start date to “266/100/155” | User is told to enter a valid start date | Change is rejected |
| TS29 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change end date “133/111/155” | User is told to enter a valid start date | Change is rejected |
| TS30 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change Description to “A” | User is told to description must be more than one character | Change rejected |
| TS31 | FR5 | Edit existing task | Edit existing task “Testing specification”  Change task name to “Design specification” | Input accepted | Change is successful |
| TS32 | FR5 | Edit existing task | Edit existing task “Design specification”  Change assigned task member to “Josh Doyle” | Input accepted | Change is successful |
| TS33 | FR5 | Edit existing task | Edit existing task “Design specification”  Change start date to “9/11/15” | Input accepted | Change is successful |
| TS34 | FR5 | Edit existing task | Edit existing task “Design specification”  Change end date to “30/11/15” | Input accepted | Change is successful |

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| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test content | Input | Output | Pass criteria |
| TS35 | FR5 | Edit existing task | Edit existing task “Design specification”  Change description to “Creation of design specification” | Input accepted | Change successful |
| TS36 | FR6 | Abandoning task | Select existing task “PostgreSQL spike work”  Then click on the delete button | In the Status column for the task, “Abandoned” should be present | Task is abandoned |
| TS37 | FR6 | Edit an abandoned task | Select abandoned task “PostgreSQL spike work”  Click on Edit button | User is told task cannot be edited as it has been abandoned | Ability to edit is denied |
| TS38 | FR7 | View list of tasks | Gain access to main menu | Task “PostgreSQL Spike work” and “Design specification” are present in the list. | Tasks are visible and correct in the list |
| TS39 | FR7 | Add task and view list | Add task  Enter name “Tasktest”  Enter assigned task member “Maurice Jordan Corriette” Enter start date “10/10/15”  Enter end date “12/10/15” | Input accepted  Task appears in list in main menu | Task is correctly shown in list in main menu |

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| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test content | Input | Output | Pass criteria |
| TS40 | FR7 | Check list order | Gain access to menu | “Design specification” is on the top of the list, followed by “PostgreSQL spike work”, followed by “Tasktest” | List is in correct order filtered by end date |
| TS41 | FR7 | Check list order | Gain access to menu  Filter order via clicking on status column | “Design specification”  Is first in the list, followed by “Tasktest”, followed by “PostgreSQL spike work” | List in correct order sorted by status  Allocated ranked higher than abandoned |

# Subsystem TaskerCLI

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| Test ref | Req being tested | Test content | Input | Output | Pass criteria |
| TR42 | FR8 | Logging into system | Open desktop application TaskerCLI Do not enter email address and click on login button | User is told to enter an email address | User access is prohibited |
| TR43 | FR8 | Logging into system | Enter email address “antibones123” and click on login button | User is told to enter a valid email address | User access is prohibited |
| TR44 | FR8 | Logging into system | Enter email address jjj123@aber.ac.uk and click on login button | User is told that the email is not recognised | User access is prohibited |
| TR45 | FR8 | Logging into system | Enter email address “Mac81@aber.ac.uk”  And click on login button | User directed to main menu | User access is granted |
| TR46 | FR10 | Select task to view | Gain access to main menu and select the task ‘Design specification’ | In quick view section of main menu, ‘Design specification’  details including task name, status , assigned task member, start/end date and task elements should be shown | Tasks are selectable and can be viewed in quick view |

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| --- | --- | --- | --- | --- | --- |
| Test ref | Req being tested | Test content | Input | Output | Pass criteria |
| TR47 | FR10 | Select multiple tasks to view | Gain access to main menu and select the tasks ‘Design specification’ and ‘PostgreSQL spike work’ | In quick view section of main menu, ‘Design specification’  details should be shown.  Click on the > icon and the second selected task ‘PostgreSQL spike work’ should be now viewable | Selected tasks can both be viewed in quick view using the  < > buttons |
| TR48 | FR10 | Edit task status | Edit task ‘Design specification’  Change task status to ‘Completed’  Then click save | Input accepted | Edit is successful |
| TR49 | FR10 | Edit task status | Edit task ‘Design specification’  Change task status to ‘Abandoned’  Then click save | User is told that he/she cannot set task to abandoned | Edit is rejected |
| TR50 | FR10 | Edit task step comments | Edit task ‘Design specification’  Change task elements to Blank  Then click save | User told to give a description for the task | Edit is rejected |
| TR51 | FR10 | Edit task step comments | Edit task ‘Design specification’  Change task elements to ‘Task has not been completed’  Then click save | Input accepted | Edit is successful |
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