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| --- | --- | --- | --- | --- | --- |
| Test ref | Ref being tested | Test content | Input | Output | Passed if |
| T1 | FR1 | Do all the member in the team register in the data base holds the full name? | - | - | All the team member in registered in the database holds the full name |
| T2 | FR1 | Do all the team member have email id? | - | - | All the team member needs to hold email id |
| T3 | FR2 | Task needs to have title for it. | - | - | All the task have title (name) |
| T4 | FR2 | `for each task there should some team members allocated to it | - | - | Team members are allocated for task |
| T5 | FR2 | Task should hold the date when it needs to be started | - | - | Start date is provided in the task |
| T6 | FR2 | Task should hold date, when it needs to be completed | - | - | Completion date is provided |
| T7 | FR2 | If the project members complete task | - | - | Task status “Complete” |
| T8 | FR2 | If the task is abandoned | - | - | Task status  “Abandoned” |
| T9 | FR2 | If the project members are working on the task | - | - | Task status  “Ongoing/Allocated” |
| T10 | FR3 | Adding new member | First Name: “Joe”  Last Name: “Gary”  Email:  [joe@aber.ac.uk](mailto:joe@aber.ac.uk)  field: programmer | Input accepted | Adds the member in database |
| T11 | FR3 | Adding new member | First Name: blank space  last name: blank space  Email:[joe@aber.ac.uk](mailto:joe@aber.ac.uk)  Field: programmer | Blank user first name and last name is illegal | Rejected user |
| T12 | FR3 | Adding new member | First Name: “aaaaaaaaa”  Last Name: “aaaaaaaa”  email:joe@aber.ac.uk  field: programmer | Repeated character more than 4 in the first name and last name is illegal | User rejected |
| T13 | FR3 | Adding new member | First Name: “”””$$%””  Last Name: “^&\*^%”  Email:$%$.aber.ac.uk  Field: “”””””$%$£ | User entered illegal characters for first name, last name, email and field | User rejected |
| T14 | FR3 | Adding new member | First Name: “Joe”  Last Name: ”Gary”  Email:joe.aber.ac.uk  Field: programmer | Email format is illegal  Should be in such format  “Aaa@aaa.aa.aa” | User rejected |
| T15 | FR3 | Adding new member | First Name: “Joe”  Last name: “Gary”  Email:joe@aber.ac.uk  Field: blank space | Blank space is illegal input | User rejected |
| T16 | FR3 | Editing existing member details | Edit first name, last name, email and field to blank space for the existing member Joe Gary | Blank space for first name, last name, email and field is illegal | Edit rejected |
| T17 | FR3 | Editing existing member details | Edit  First Name: “$%$”  Last name: “$%”””  Email:”$£%^£””@aber.ac.uk  Field: “”£$”%” | First name, last name, email and field contains illegal characters | Edit rejected |
| T18 | FR3 | Editing existing member details | Edit  First Name: “Joe”  Last name: “Gary”  Email:joe.aber.ac.uk  Field: programmer | Illegal format in email  Should be in  aaaa@aaaa.aa.aa | Edit rejected |
| T19 | FR3 | Editing existing member details | Edit  First Name: “Joe”  Last name: “Gary”  Email:joe@aber.ac.uk  Field: programmer  To  First Name: “Joe”  Last name: “Gary”  Email:joe@aber.ac.uk  Field: programmer | Illegal as the First Name, Last Name, Email and field is same as previous | Edit rejected |
| T20 | FR3 | Deleting existing member | Joe Gary | Deleted member named Joe Gary from database | Delete member |
| T21 | FR3 | Deleting member that does not exists | Fred Simpson | User named “Fred Simpson” doesn’t exist | Deleting the nonexistence member rejected |
| T22 | FR4 | Creating task and allocating member to work on it with appropriate starting date and completion date | Task name: designing web application GUI  Member allocated for task  Joe Gary  Jenna Simpson  Start date:24/11/2015  Completion date:24/12/2015 | New task created and allocate member to task | Task accepted |
| T23 | FR4 | Creating task and allocating member to work on it with appropriate starting date and completion date | Task Name: designing web application GUI  Member allocated for task  Blank space  Start date:24/11/2015  Completion date:24/12/2015 | Illegal, every task needs to have one or more than one member allocated to work on it | Task rejected |
| T24 | FR4 | Creating task and allocating member to work on it with appropriate starting date and completion date | Task Name: blank space  Member allocated for task:  Joe Gary  Jenna Simpson  Start date:24/11/2015  Completion date:24/12/2015 | Illegal, task needs to have title | Task rejected |
| T25 | FR4 | Creating task and allocating member to work on it with appropriate starting date and completion date | Task Name: designing web application GUI  Member allocated for task  Joe Gary  Joe Gary  Start date:24/11/2015  Completion date:24/12/2015 | Illegal, can’t allocate one member to same task more than once | Task rejected |
| T26 | FR4 | Creating task and allocating member to work on it with starting date and completion date | Task name: designing web application GUI  Member allocated for task  Joe Gary  Jenna Simpson  Start date:24/11/1990  Completion date:24/12/2015 | Illegal starting date | Task rejected |
| T27 | FR4 | Creating task and allocating member to work on it with starting date and completion date | Task name: designing web application GUI  Member allocated for task  Joe Gary  Jenna Simpson  Start date:24/11/2015  Completion date:24/12/1990 | Illegal completion date | Task rejected |
| T28 | FR4 | Creating task and allocating member to work on it without starting date and completion date | Task name: designing web application GUI  Member allocated for task  Joe Gary  Jenna Simpson  Start date: Blank space  Completion date: Blank space | Start date and completion date cannot be left blank | Task rejected |
| T29 | FR4 | Creating task and using drop down list to allocating member to work on it with starting date and completion date | Used drop down list in team member | All team members name in the recommendation section | All team member names added on the database |
| T30 | FR4 | Allocating multiple team member for task whilst creating task | Using “+” option | New team members drop down list field added | add new team member drop down list field to allocate more member for the task |
| T31 | FR5 | Allocating team member to a different task | Previously  Task: web application design GUI  Member:  Joe Gary  Jenna Simpson  To  Task: web application design GUI  Member:  John Harry  Jenna Woods | New members allocated to task  “Design web application GUI” | New members added to task |
| T32 | FR5 | Allocating same team member more than one time for same task | Previously  Task: web application design GUI  Member:  Joe Gary  Jenna Simpson  To  Task: web application design GUI  Member:  Jenna Woods  Jenna Woods | Illegal, can’t allocate one member to same task more than once | Allocating new task member to task rejected |
| T33 | FR5 | Allocating team member | Previously  Task: web application design GUI  Member:  Joe Gary  Jenna Simpson  To  Task: web application design GUI  Member:  Blank space | Illegal to have blank space in allocating member field | Allocating new task member to task rejected |
| T34 | FR6 | Marking task | Task: web application design GUI  Status: “abandoned” | Task: web application design GUI (abandoned) | Marked task as abandoned |
| T35 | FR6 | Marking task | Task: web application design GUI  Status: blank space | Illegal to leave the status blank | Marking task status rejected |
| T36 | FR6 | Using task status option to mark status for the task | Using drop down list | Show task recommendation  Abandoned  Ongoing  Complete | Shows 3 option to select from |
| T37 | FR7 | Viewing task | Task: web application design GUI  Team member: Blank space  Status: Blank space | Web application design GUI  (ongoing) | Output the task with the same name |
| T38 | FR7 | Using drop down list option for task | Drop down list option | All task in a list | Shows all the task on the database in a list |
| T39 | FR7 | Viewing task using team member name | Task: Blank Space  Team member: Joe Gary  Status: Blank space | Web application design GUI  (ongoing) | Output the task the team member is working on and the output task should be sorted according to completion date |
| T40 | FR7 | Viewing task using team member name | Team member drop down list option | Shows team members name on list | All the team member name on the list |
| T41 | FR7 | Viewing task using task status | Task: Blank space  Team member: Blank space  Status: ongoing | Web application design GUI  (ongoing) | Output the task with the same task status and the output needs to sort according to completion date. |
| T42 | FR7 | Viewing task | Task: Blank space  Team member: Blank space  Status: Blank space | Illegal can’t leave all field blank | Viewing rejected |
| T43 | FR7 | Viewing task | Task: Blank space  Team member: Blank space  Status: ongoing | Output data needs to be sorted according to completion date | Output data are sort according to completion date |
| T44 | FR7 | Authentication  (Optional) | Privilege user id and password | enter the web application | Authorized to enter the web application |
| T45 | FR7 | Authentication  (Optional) | Normal user id and password | Access denied  Only authorized people can enter the web application | Access denied |
| T46 | FR7 | Authentication  (Optional) | User id blank space  Password blank space | Access denied  Illegal to leave the id and password field blank | Access denied |
| T47 | FR8 | User Identification | Email:joe@aber.ac.uk | Allow access to the application | Allow Access |
| T48 | FR8 | User Identification | Email:joe@hotmail.com  (different email id) | Access denied  Given Email ID can’t be found | Access denied |
| T49 | FR8 | User identification | Email: Blank space | Access denied  Illegal to leave the email field blank | Access denied |
| T50 | FR8 | Local storage of tasks | - | Save the file with task written on it on user local drive | Save the task file on user local drive |
| T51 | FR8 | Local storage of tasks | Open the task file | tasks | Allow user to read the task file even though the user is offline |
| T52 | FR9 | Task synchronisation | - | Sync the new update to the local save file | Update the local file when new updates available |
| T53 | FR10 | Selecting task | Select the task | task details | Output task details |
| T54 | FR10 | Local editing | Task: design web application GUI  Task status “completed” | Update design web application GUI (completed) | Able to edit the task status |
| T55 | FR10 | Local editing | Task: design web application GUI  Task status: “$%£$£” | Illegal characters | Local edit task status rejected |
| T56 | FR10 | Local editing | Task: design web application GUI  Task status: Blank space | Cannot leave the task status blank | Local edit task status rejected |
| T57 | FR10 | Updating local save file  (no network provision ) | - | Updated local save file on local drive | Update file residing on local drive |
| T58 | FR11 | Synchronisation when the application start  (Network available) | - | Files updated | All local files in local drive needs to be update and locally edited file should be updated in server database. |
| T59 | FR11 | Synchronisation when the application start  (Network un available) | - | Network issues  Failed to update files | Failed to update files |
| T60 | FR11 | Synchronisation every 5 min  (Network available) | - | Files updated | All local files in local drive needs to be update and locally edited file should be updated in server database. |
| T61 | FR11 | Synchronisation every 5 min  (Network available) | - | Network issues  Failed to update files | Failed to update files |