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| PS2Win |
| Test Plan |
| Keep Your Time |

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| --- |
| David Silva  18-05-2013 |

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| --- | --- | --- | --- |
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Table 1: List of Contribuitors

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Revision History** | | | | | |
| **Date** | **Description** | **Author** | **Version** | **Approvers** | **State** |
| 18-05-2013 | Creation of first draft | David Silva & João Martins | 0.1 |  | Draft |
| 18-05-2013 | Document reviewed | Mário Oliveira | 0.1 |  | Draft |
| 24-05-2013 | Task format change | David Silva | 0.2 |  | Draft |
| 24-05-2013 | Tests more detailed | João Martins | 0.2 |  | Ready for Revision |
| 26-05-2013 | Document reviewed | Mário Oliveira | 0.2 |  | Ready for Revision |
| 27-05-2013 | Ready for approval state | João Martins | 0.2 |  | Ready for Approval |
| 28-05-2013 | Review for approval |  | 0.2 | Filipe Brandão | Ready for Approval |
| 29-05-2013 | Some comments and English revision. |  | 0.2 | Carla Machado | Ready for Approval |
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Table 2: Version history

# Package: Acceptance Tests

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case:** | Deactivate inactivity time | | Test Id: T1 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the settings button in the main window to open Settings window 2. Remove the check in the checkbox on Inactivity Alerts 3. Click the apply button   Result:  Clicking in settings button, the checkbox of Inactivity Alerts must haven’t a check  When a task is running, no more inactivity time will be detected  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Deactivate inactivity time | *Trace* | Functional.12CIT-001: ConfigureInactiveTime |

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| --- | --- | --- | --- |
| **Use Case:** | Activate inactivity time | | Test Id: T2 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the settings button 2. Put a check in the checkbox on Inactivity Alerts 3. Insert a number between 1 and 60 on time detection textbox (the time in minutes) 4. Click the apply button 5. Activate a task 6. Wait the specified time in step 3 without interacting with the mouse nor the keyboard 7. Interact with one or both   Result:  The system updates the information in the database and puts the new configuration in effect  After the specified time in inactivity (no keyboard nor mouse interaction), the system presents a window to choose what to do with that time (Save or discard time)  Use case ends. | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Related To:** | | **Source** | | | **Connector** | | | **Target** | |
|  | | Acceptance Tests.Activate inactivity time | | | *Trace* | | | Functional.12CIT-001: ConfigureInactiveTime | |
|  | | Acceptance Tests.Activate inactivity time | | | *Trace* | | | Functional.12CIT-004:ConfigureInactiveTime.Validate.True | |
|  | | Acceptance Tests.Activate inactivity time | | | *Trace* | | | Functional.12CIT-002: ConfigureInativeTime.Validate | |
|  | |  | | |  | | |  | |
| **Use Case:** | | Cancel Configurations | | | | Test Id: T3 | | | | |
| **Status:** | | Draft | Version: 1.0 | | | Phase: 1.0 | | | | |
| **Author:** | | David Silva | Created: 16-05-2013 | | | Modified: 21-05-2013 | | | | |
| **Notes:** | | Start:   1. Click in the settings button in the main window to open Settings window 2. Edit some fields with random values from the settings window 3. Click in the Cancel button 4. Click in the settings button   Result:  Settings values must be the same as on step 1  Use case ends. | | | | | | | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Cancel Edition | *Trace* | Functional.13CS-001:ConfigureShortcuts |
|  | Acceptance Tests.Cancel Edition | *Trace* | Functional.12CIT-001: ConfigureInactiveTime |

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| --- | --- | --- | --- |
| **Use Case:** | Creating a task with a name longer than allowed | | Test Id: T4 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Insert a task name longer than the allowed value (50 characters) on the text box from the main window  Result:  The application will not receive more characters when 50th character is introduced  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Creating a task with a name longer than allowed | *Trace* | Functional.1CT-001:Task.create |

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| --- | --- | --- | --- |
| **Use Case:** | Creating task without name | | Test Id: T5 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click on the text box from the main window 2. Press enter key or click add button   Result:  No action must be taken by the system and the add button must remain inactive  Use case ends. | | |

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| **Related To:** | | **Source** | | | **Connector** | | **Target** |
|  | | Acceptance Tests.Creating task without name | | | *Trace* | | Functional.1CT-002:Task.create.validate |
| **Use Case:** | | Creating a task with a valid name | | | Test Id: T6 | | |
| **Status:** | | Draft | Version: 1.0 | | Phase: 1.0 | | |
| **Author:** | | David Silva | Created: 16-05-2013 | | Modified: 21-05-2013 | | |
| **Notes:** | | Start:  1. Insert a new task name on the text box from the main window  2. Press the enter key or click the add button (button with plus sign) to create the task.  Result:  The system inserts the task in the database and adds the task to the tasks list and the timer starts  Use case ends | | | | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Creating a task with a valid name | *Trace* | Functional.1CT-002:Task.create.validate |
|  | Acceptance Tests.Creating a task with a valid name | *Trace* | Functional.1CT-003:Task.create.validate.notEqual |

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| --- | --- | --- | --- |
| **Use Case:** | Autocomplete | | Test Id: T7 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Insert at least 3 letters on the text box of the main window referring to adding task  Result:  The system presents a set of suggested active tasks in drop down list, whose characters entered in the text box are equal to the suggestions.  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Autocomplete | *Trace* | Functional.1CT-004:Task.create.AutoComplete |

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| **Use Case:** | Define task shortcut | | Test Id: T8 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in settings button 2. In the shortcut section, choose any task from the dropdown list 3. Define a combination of the checkboxes next to it 4. Put a letter in the text box next to them 5. Click apply 6. Press the shortcut key combination   Result:  The system updates the information in the database and applies the new definitions  The task starts  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Define task shortcut | *Trace* | Functional.13CS-001:ConfigureShortcuts |
|  | Acceptance Tests.Define task shortcut | *Trace* | Functional.13CS-003: ConfigureShortcuts.Validate.True |
|  | Acceptance Tests.Define task shortcut | *Trace* | Functional.13CS-002: ConfigureShortcuts.Validate |

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| --- | --- | --- | --- |
| **Use Case:** | Start time task via shortcut | | Test Id: T9 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Press a shortcut key combination previously associated to an existing task  Result:  The system starts the task and creates a new entry in the database with the start date in the shortcut's associated task  The task should appear in first position in the task list from the main window  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Start time task via shortcut | *Trace* | Functional.4STT-001:StartTime |







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| **Use Case:** | Start time task via start button | | Test Id: T10 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click the play button of one of the entries from the task list from the main window  Result:  The system starts the task and creates a new entry in the database with the start date in the selected task  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Start time task via start button | *Trace* | Functional.4STT-001:StartTime |

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| **Use Case:** | Change running task with shortcut | | Test Id: T11 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that the system is running a task 2. Press a shortcut key combination associated with another task   Result:  The system stops the time of the current running task and updates the task information.  The system selects the task assigned to the shortcut the [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) pressed and starts it.  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Change running task with shortcut | *Trace* | Functional.6CT-001:ChangeRunningTask |
|  | Acceptance Tests.Change running task with shortcut | *Trace* | Functional.6CT-003:ChangeRunningTask.Success |

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| **Use Case:** | Stop time | | Test Id: T12 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click the stop button in the entry from the task list from the main window  Result:  The system stops the timer and updates the task's end date into the database  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Stop time | *Trace* | Functional.5ST-001: StopTime |

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| **Use Case:** | View task detail | | Test Id: T13 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click on button to view task details from an entry of the task list from main window (The first one from the group of 3 buttons)  Result:  The system loads the selected task information from the database and presents a window with the task name, description and the individual times list, with respective start date, end date and time spent.  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.View task detail | *Trace* | Functional.14VTD-001: TaskDetails |
|  | Acceptance Tests.View task detail | *Trace* | Functional.14VTD-002: TaskDetails.Calculate |
|  | Acceptance Tests.View task detail | *Trace* | Interface.UI-007: Clicking in view details button |

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| **Use Case:** | Cancel Edition | | Test Id: T14 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the edit button from the main window 2. Edit some fields with random values from the Edit task window 3. Click Cancel button 4. Click in the edit button from the main window   Result:  Task values must be the same as on step 1  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Cancel Edition | *Trace* | Functional.2ET-004:EditTask.save.false |
|  | Acceptance Tests.Cancel Edition | *Trace* | Functional.2ET-001: EditTask |

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| **Use Case:** | Deleting individual time of a task | | Test Id: T15 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click in the edit button from a task in the task list from the main window to open task edit window  2. Click the delete button in the left side of the time list  Result:  The system removes the individual time from the Database and the time list  Use case ends. | | |

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| **Related To:** | | **Source** | | | | **Connector** | | | | **Target** | | |
|  | | Acceptance Tests.Deleting individual time of a task | | | | *Trace* | | | | Functional.2ET-001: EditTask | | |
|  | |  | | | |  | | | |  | | |
| **Use Case:** | | Editing or inserting a valid date | | | | | | Test Id: T16 | | | | |
| **Status:** | | Draft | | Version: 1.0 | | | | Phase: 1.0 | | | | |
| **Author:** | | David Silva | | Created: 16-05-2013 | | | | Modified: 21-05-2013 | | | | |
| **Notes:** | | Start:  1. The [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) clicks in the edit button to edit a task from the tasklist.  2. The system presents the edition form to the [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4)  3. The [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) edits or inserts the start date and the end date and click on the save button  Result:  The system updates the information in the database and the tasks list  Use case ends. | | | | | | | | | | |
| **Related To:** | | **Source** | | | | **Connector** | | | | **Target** | |
|  | | Acceptance Tests.Editing or inserting a valid date | | | | *Trace* | | | | Functional.2ET-003: EditTask.save.true | |
| **Use Case:** | | Editing or inserting an invalid date | | | | | | Test Id: T17 | | | | | |
| **Status:** | | Draft | | Version: 1.0 | | | | Phase: 1.0 | | | | | |
| **Author:** | | David Silva | | Created: 16-05-2013 | | | | Modified: 21-05-2013 | | | | | |
| **Notes:** | | Start:  1. The [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) clicks in the edit button to edit a task from the task list.  2. The system presents the edition form to the [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4)  3. The [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) edits or inserts the start date and end date (start date must be after end date) and tries to save them by clicking save button  Result:  The system show message "Invalid field" and the reason  Use case ends. | | | | | | | | | | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Editing or inserting an invalid date | *Trace* | Functional.2ET-002: EditTask.save |

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| --- | --- | --- | --- |
| **Use Case:** | Editing task with all text fields filled | | Test Id: T18 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the edit button from a task in the task list from the main window to open task edit window 2. Alter values from the two top text boxes 3. Click Save button 4. Click in the same button from the same task from the step 1   Result:  The system updates the information in the database and the tasks list  The values from the two text boxes must have the changed values  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Editing task with all text fields filled | *Trace* | Functional.2ET-002: EditTask.save |

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| --- | --- | --- | --- |
| **Use Case:** | Editing task with name field empty | | Test Id: T19 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the edit button from a task in the task list from the main window to open task edit window 2. Clean any text from the name text box (the upper one) 3. Click Save button   Result:  The system shows the message "Empty name field", edit task window does not dismiss and Database is not changed  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Editing task with name field empty | *Trace* | Functional.2ET-002: EditTask.save |

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| --- | --- | --- | --- |
| **Use Case:** | Deactivate task | | Test Id: T20 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the check from the checkbox in the right side of any active task from the tasks list in the main window   Result:  Task change its status to deactivated, must be invisible in the main screen if the checkbox to show inactive task is unchecked and the status is updated in Database  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Deactivating task | *Trace* | Functional.7CT-001:ChangeTask Status |

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| --- | --- | --- | --- |
| **Use Case:** | Show inactive tasks | | Test Id: T21 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that minimal view is not active and “show inactive tasks” checkbox is not checked 2. Click in the “show inactive tasks” checkbox to check it   Result:  The system presents a list with all the tasks including the inactive ones.  Use case ends. | | |

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| **Related To:** | **Source** | | **Connector** | | **Target** |
|  | Acceptance Tests.Show deactivated tasks | | *Trace* | | Functional.15FIT-002: FilterTask.ShowAll |
| **Use Case:** | Default sort with no task running | | | Test Id: T22 | | |
| **Status:** | Draft | Version: 1.0 | | Phase: 1.0 | | |
| **Author:** | David Silva | Created: 16-05-2013 | | Modified: 21-05-2013 | | |
| **Notes:** | Start:  1. Initialize the program or click down arrow on main window to show task list.  Result:  The system shows the tasks list sorted by descending stop date.  Use case ends. | | | | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Default sort with no task running | *Trace* | Functional.17TL-002: TaskList.DefaultSort |

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| --- | --- | --- | --- |
| **Use Case:** | Tasklist Normal sorts | | Test Id: T23 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in one of the several columns available to sort, in the main window   Result:  The system sorts the tasks by the selected column.  Even if a task is running, it will take the sorted position.  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Normal sorts | *Trace* | Functional.17TL-004: TaskList.Sort |

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| --- | --- | --- | --- |
| **Use Case:** | Hide Tasks List | | Test Id: T24 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that the main window is not in minimal view mode 2. Click the up arrow in the bottom right corner of the main window (on bottom of task list)   Result:  Task list disappears  Up arrow turns into a down arrow  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Hide Tasks List | *Trace* | Functional.17TL-001: TaskList |

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| --- | --- | --- | --- |
| **Use Case:** | Expand list | | Test Id: T25 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Ensure that the main window is in minimal view mode (without visible task list and a down arrow in the bottom right corner)  2. Click the down arrow button in the bottom right corner of the main window  Result:  The system expands the window and presents the complete task list  The down arrow turns in a up arrow  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Expand list | *Trace* | Functional.17TL-005: TaskList.TotalTime |
|  | Acceptance Tests.Expand list | *Trace* | Functional.17TL-006: TaskList.Today |
|  | Acceptance Tests.Expand list | *Trace* | Functional.17TL-007: TaskList.StopDate |
|  | Acceptance Tests.Expand list | *Trace* | Functional.17TL-001: TaskList |
|  | Acceptance Tests.Expand list | *Trace* | Functional.17TL-008: TaskList.Actions |

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| --- | --- | --- | --- |
| **Use Case:** | Shortcut with no running task | | Test Id: T26 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Press a shortcut key combination corresponding to a task or activate it using the play button from the task list from the main window   Result:  The task is activated and should appear in first place in task list  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.No running task | *Trace* | Functional.6CT-003:ChangeRunningTask.Success |

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| --- | --- | --- | --- |
| **Use Case:** | Default sort with a task running | | Test Id: T27 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Initialize the program or click down arrow on main window to show task list 2. Start a task   Result:  The system show a list with the current task in first position followed by the other tasks, ordered by descending stop date.  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Default sort with a task running | *Trace* | Functional.17TL-003: TaskList.DefaultSort.CurrentTask |

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| --- | --- | --- | --- |
| **Use Case:** | Save time | | Test Id: T28 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that inactivity detection is enabled and an inactive time chosen by clicking in settings button in the main window 2. Start a task by clicking start in a task from the tasks list 3. Wait the defined amount of time without interacting with the mouse nor the keyboard 4. Interact with one or both 5. Select save time from the window presented by the system.   Result:  Time is saved into task data in the database and the task continues.  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Save time | *Trace* | Functional.8AI-003-Inactivity.Notify.Adds |
|  | Acceptance Tests.Save time | *Trace* | Functional.8AI-002-Inactivity.Notify |
|  | Acceptance Tests.Save time | *Trace* | Functional.8AI-001-Inactivity |

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| --- | --- | --- | --- |
| **Use Case:** | Ignore time | | Test Id: T29 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that inactivity detection is enabled and an inactive time chosen 2. Start a task 3. Wait the defined amount time without interacting with the mouse nor the keyboard 4. Interact with one or both 5. Select ignore time   Result:  Time is ignored and task continues.  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Ignore time | *Trace* | Functional.8AI-003-Inactivity.Notify.Ignores |
|  | Acceptance Tests.Ignore time | *Trace* | Functional.8AI-002-Inactivity.Notify |
|  | Acceptance Tests.Ignore time | *Trace* | Functional.8AI-001-Inactivity |

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| --- | --- | --- | --- |
| **Use Case:** | Export data | | Test Id: T30 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Click in the settings button in the main window 2. Click in the Export Data button in the upper right corner of the settings window 3. Choose a name and where to save the file in the save window dialog that appears 4. Click Save   Result:  The system exports all data to the specified file and location  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Export data | *Trace* | Functional.16ED-001: ExportData |
|  | Acceptance Tests.Export data | *Trace* | Functional.16ED-002: ExportData.Export |

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| --- | --- | --- | --- |
| **Use Case:** | Deleting a task and saying "no" to delete it | | Test Id: T31 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click in the delete button from any task from the task list in the main window  2. The system presents a message to confirm the operation  3. Click “No” to negate task removal  Result:  The task isn’t removed and must have the same status has before.  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Deleting a task and saying "no" to delete it | *Trace* | Functional.3DT-001: DeleteTask |

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| --- | --- | --- | --- |
| **Use Case:** | Deleting a task and saying "yes" to delete it | | Test Id: T32 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click the delete button from any task from the task list in the main window  2. The system presents a message to confirm the operation  3. Click Yes to confirm task removal  Result:  The system deletes the task from the database and updates the tasks list.  Use case ends. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Deleting a task and saying "yes" to delete it | *Trace* | Functional.3DT-001: DeleteTask |

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| --- | --- | --- | --- |
| **Use Case:** | Activating task | | Test Id: T33 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that the “Show inactive tasks” checkbox from the main window is checked 2. Select an inactive task from the list of the main window 3. Click the checkbox in the right side of the task item 4. Remove the check from the “Show inactive tasks” checkbox   Result:  Task status changed to active and must be visible in the task list after unchecking the checkbox  Database task information is updated  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Activating task | *Trace* | Functional.7CT-001:ChangeTask Status |

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| --- | --- | --- | --- |
| **Use Case:** | Change running task with shortcut fail | | Test Id: T34 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Press a shortcut key combination associated with a task that has already removed  Result:  The system plays a beep  Use case ends | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Change running task with shortcut fail | *Trace* | Functional.6CT-002:ChangeRunningTask.CombinationFail |

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| --- | --- | --- | --- |
| **Use Case:** | Hide inactive tasks | | Test Id: T35 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:   1. Ensure that minimal view is not active and “show inactive tasks” checkbox is checked 2. Click in the “show inactive tasks” checkbox to uncheck it   Result:  The system filters the tasks list and only shows the active ones  Use case ends. | | |

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| **Related To:** | | **Source** | | **Connector** | | **Target** | |
|  | | Acceptance Tests. Hide inactive tasks | | *Trace* | | Functional.15FIT-001: FilterTask | |
| **Use Case:** | | Define failed shortcut | | | | Test Id: T36 | |
| **Status:** | | Draft | | Version: 1.0 | | Phase: 1.0 | |
| **Author:** | | João | | Created: 18-05-2013 | | Modified: 21-05-2013 | |
| **Notes:** | | Start:   1. Click the settings button in the main window 2. In the shortcut section, choose any task from the dropdown list 3. Define some random combination of checkboxes next to it 4. Leave the text box empty 5. Click apply   Result:  The system shows a window saying that the shortcut is incomplete and does not dismiss the settings window  Use case ends. | | | | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Acceptance Tests.Define failed shortcut | *Trace* | Functional.13CS-004: ConfigureShortcuts.Validate.False |
|  | Acceptance Tests.Define failed shortcut | *Trace* | Functional.13CS-002: ConfigureShortcuts.Validate |
|  | Acceptance Tests.Define failed shortcut | *Trace* | Functional.13CS-001:ConfigureShortcuts |

### Diagram: Interface



### Diagram: Interface Tests



|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case:** | Active buttons | | Test Id: T40 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. create and start a task by adding a name of a task in the main textbox and clicking enter in the main window  2. stop a task by clicking in the stop button in the main window  Result:  The button to show configurations, to hide/show task list and the button to close the application are always active. | | |

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| **Related To:** | **Source** | | **Connector** | | **Target** |
|  | Other tests.Active buttons | | *Trace* | | Interface.UI-002: Buttons that are always active |
| **Use Case:** | Add task | | | Test Id: T41 | | |
| **Status:** | Draft | Version: 1.0 | | Phase: 1.0 | | |
| **Author:** | João | Created: 13-05-2013 | | Modified: 14-05-2013 | | |
| **Notes:** | Start:  1. insert a name of a task that doesn't exist in the main textbox, upper side of the main Window  2. Click add or press enter  Result:  The system will create and start the new task. | | | | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Add task | *Trace* | Interface.UI-004: TextBox filled with a new task name |

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| --- | --- | --- | --- |
| **Use Case:** | Block window | | Test Id: T42 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click anywhere outside the currently focused window  Result:  The window will blink or beep according with system default  The window will remain focused | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Block window | *Trace* | Interface.UI-0011: Modal Windows |

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| --- | --- | --- | --- |
| **Use Case:** | Configurations panel | | Test Id: T43 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. click the configurations button in the main window  Result:  The system presents a form with:   * An export button. * A check box to enable/disable inactivity alerts and a text box to define the inactivity time. This text box is active only if the inactivity alert is enabled. * Five lines for shortcuts definition with the following objects:   + one combobox for selecting an existing task,   + three checkboxes for check/uncheck the control keys ctrl, alt, shift   + one textbox for and additional key. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Configurations panel | *Trace* | Interface.UI-009: Clicking in configuration button |

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| --- | --- | --- | --- |
| **Use Case:** | Dismiss window | | Test Id: T44 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click in a button from the modal window that is currently focused  Result:  The window will be dismissed  Another planned task will be taken | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Dismiss window | *Trace* | Interface.UI-0011: Modal Windows |

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| **Use Case:** | Edit task interface | | Test Id: T45 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. The [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) clicks in the edit button of a task to edit a task.  2. The system presents the edition form to the [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4), in the times table, each line has a button to delete that line.  3. The [User](#BKM_0B9DE5D0_A799_433C_9796_17FAF6E42CC4) makes the changes in the time table clicking on the delete button of a row of the time table.  Result:  The system updates the information in the database and the tasks list  Use case ends. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Edit task interface | *Trace* | Interface.UI-008: Clicking in edit button |

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| **Use Case:** | Expand list | | Test Id: T46 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click in the down arrow in the upper right side of the main window.  Result:  The tasks list will expand  The button turns in an up arrow | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Expand list | *Trace* | Interface.UI-003: Expand list button |

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| **Use Case:** | Inserting char data with wrong type of data | | Test Id: T47 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. enter the data in the respective field( insert special or numerical characters)  2. click enter key or ok button  Result:  Error message with reason | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Inserting char data with wrong type of data | *Trace* | Functional.13CS-004: ConfigureShortcuts.Validate.False |
|  | Other tests.Inserting char data with wrong type of data | *Trace* | Functional.12CIT-003:ConfigureInactiveTime.Validate.False |
|  | Other tests.Inserting char data with wrong type of data | *Trace* | Functional.12CIT-002: ConfigureInativeTime.Validate |

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| --- | --- | --- | --- |
| **Use Case:** | Inserting data | | Test Id: T48 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. enter the correct data in the respective field  2. click enter key or ok button  Result:  system accepts changes | | |

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| **Use Case:** | Inserting numeric data with wrong type of data | | Test Id: T49 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. enter the data in the respective field( insert special or characters)  2. click enter key or ok button  Result:  Error message | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Inserting numeric data with wrong type of data | *Trace* | Functional.12CIT-003:ConfigureInactiveTime.Validate.False |
|  | Other tests.Inserting numeric data with wrong type of data | *Trace* | Functional.12CIT-002: ConfigureInativeTime.Validate |
|  | Other tests.Inserting numeric data with wrong type of data | *Trace* | Functional.12CIT-001: ConfigureInactiveTime |

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| --- | --- | --- | --- |
| **Use Case:** | Minimize list | | Test Id: T50 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | David Silva | Created: 16-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Click in the up arrow in the upper right side of the main window  Result:  The tasks list will disappear  The button turns in an down arrow | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Minimize list | *Trace* | Interface.UI-003: Expand list button |

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| **Use Case:** | Search and switch task | | Test Id: T51 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. insert the name of an existing task in the textbox of the main window  2. Click enter  Result:  The system changes the start/add button to the stop button, view details button and it starts timer. The edit button is disabled. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Search and switch task | *Trace* | Interface.UI-006: TextBox with running task |

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| --- | --- | --- | --- |
| **Use Case:** | Search task | | Test Id: T52 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. insert a name of a task that exist in the textbox of the main window  2. Click enter  Results:  The system enables the start, edit and view details buttons. If the key enter is pressed the system changes the start button to stop button. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Search task | *Trace* | Interface.UI-005: TextBox filled with existance task name |

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| **Use Case:** | Start/add and stop button | | Test Id: T53 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. Start a task by clicking start button on the row of a selected task in the main window.  2. Stop a task by clicking stop button.  Result:  1.1The system changes the start/add button to the stop button, view details button and it starts timer. The edit button is disabled. | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Start/add and stop button | *Trace* | Interface.UI-001:MainWindow |

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| --- | --- | --- | --- |
| **Use Case:** | Visual effect inactive/active tasks | | Test Id: T54 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. click on show inactive tasks in the main window  Result:  The system should differentiate visually the active from inactive tasks | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Visual effect inactive/active tasks | *Trace* | Interface.UI-010: Visual distinction between active and inactive tasks |

### Diagram: Performance



### Diagram: Performance Tests



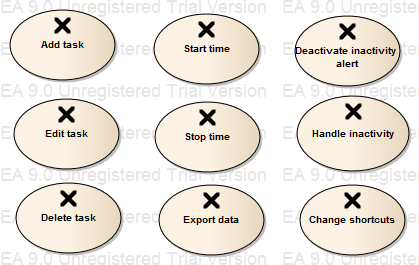
|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case:** | Startup Application | | Test Id: T55 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. start the application  Result:  The application must start in less than 15 seconds | | |

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| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Startup Application | *Trace* | Performance.PR-001: Startup of the application |

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| --- | --- | --- | --- |
| **Use Case:** | Transitions between forms | | Test Id: T56 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 13-05-2013 | Modified: 21-05-2013 |
| **Notes:** | Start:  1. click on a button to open a new form (edit task for example)  Result:  The form should open in less than 10 seconds  Criteria:  The number of tasks can't exceed 100. | | |

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| --- | --- | --- | --- |
| **Related To:** | **Source** | **Connector** | **Target** |
|  | Other tests.Transitions between forms | *Trace* | Performance.PR-002: Transition time |

### Diagram: Usability



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| --- | --- | --- | --- |
| **Use Case:** | Add task | | Test Id: T57 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to add a task in less than 1 minute. | | |

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| --- | --- | --- | --- |
| **Use Case:** | Change shortcuts | | Test Id: T58 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to change task shortcuts in less than 3 minutes and not more than 10 mouse clicks. | | |
| **Use Case:** | Deactivate inactivity alert | | Test Id: T59 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to deactivate inactivity alerts in less than 1 minute. | | |

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| --- | --- | --- | --- |
| **Use Case:** | Delete task | | Test Id: T60 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to delete a task in less than 1 minute. | | |

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| --- | --- | --- | --- |
| **Use Case:** | Edit task | | Test Id: T61 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to edit a task with no more than 6 mouse clicks.  The user should be able to find the edit procedure in less than 2 minutes. | | |

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| **Use Case:** | Export data | | Test Id: T62 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to find how to export all data in less than 3 minutes and no more than 6 mouse clicks. | | |

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| --- | --- | --- | --- |
| **Use Case:** | Handle inactivity | | Test Id: T63 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to configure the inactivity system in less than 3 minutes.  The user should be able to understand how the inactivity system works and be able to make it appear in the configured time. | | |

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| **Use Case:** | Start time | | Test Id: T64 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to start time logging in less than 30 seconds and less than 4 mouse clicks. | | |

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| **Use Case:** | Stop time | | Test Id: T65 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 18-05-2013 | Modified: 21-05-2013 |
| **Notes:** | The user should be able to stop a running task in less than 30 seconds and no more than 3 mouse clicks. | | |

### Usability test protocol

An additional final test is added. The final Test is to combine all the usability tests into one single test.

The test consists in doing all the usability tests:

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case:** | Usability final test | | Test Id: T67 |
| **Status:** | Draft | Version: 1.0 | Phase: 1.0 |
| **Author:** | João | Created: 24-05-2013 | Modified: 24-05-2013 |
| **Notes:** | All usability tests must be completed in less than 15 minutes without any break or questions from the tester. | | |

### Test Sequence

|  |  |  |
| --- | --- | --- |
| Test Order | Test ID | Test Group |
| 1 | T1 | Configurations |
| 2 | T2 |
| 3 | T3 |
| 4 | T4 | Add Task |
| 5 | T5 |
| 6 | T6 x2 |
| 7 | T7 |
| 8 | T8 x2 | Define Shortcut |
| 9 | T9 | Start timer |
| 11 | T10 |
| 12 | T11 |
| 13 | T12 | Stop timer |
| 14 | T13 | View details |
| 15 | T14 | Edit task details |
| 16 | T15 |
| 17 | T16 |
| 18 | T17 |
| 19 | T18 |
| 20 | T19 |
| 21 | T20 | Deactivate task |
| 22 | T21 | Filters |
| 23 | T22 | Sorts |
| 24 | T23 |
| 25 | T24 | Filters |
| 26 | T25 |
| 27 | T26 | Run task with shortcut |
| 28 | T27 | Sorts |
| 29 | T28 | Save Time |
| 30 | T29 | Ignore Time |
| 31 | T30 | Export Data |
| 32 | T31 | Delete Task |
| 33 | T32 |
| 34 | T33 | Activate task |
| 35 | T34 | Shortcut |
| 36 | T35 | Hide Inactive Task |
| 37 | T36 | Shortcut Fail |