**TaskerSRV – Database Server**

**Reference: SRV-00**

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| **Test Reference** | **Required Test** | **Test Content** | **Input** | **Output** | **Pass Criteria** |
| SRV-01 | FR1-1.1 | Check database stores team member forename | Enter team member forename e.g Samuel | Forename should be stored in the database |  |
| SRV-02 | FR1-1.2 | Check database stores team member surname | Enter surname of team member e.g Hyde | Surname should be stored in the database |  |
| SRV-03 | FR1-2.1 | Check database stores team member e-mail address | Enter e-mail address for team member e.g [sah54@aber.ac.uk](mailto:sah54@aber.ac.uk) | E-mail address should be stored in the database |  |
| SRV-04 | FR1-2.2 | Add validation rule for valid e-mail addresses | Add validation rule to the database e-mail attribute i.e. ((Like "\*?@?\*.?\*") – Validation requires ‘@’ when inputting e-mail address | Error is thrown when entering invalid e-mail address against validation constraint |  |
| SRV-05 | FR2-1.1 | Check if database allows the addition of a title to a specified task | Add title to a task within the database. E.g. Take notes during lecture | Title is added to task without an error being thrown |  |
| SRV-06 | FR2-2.1 | The allocation of a team member to a task | Team member is allocated the new task that is added to the database (Possible drop down menu if manually adding) | A team member is allocated a task from within the database |  |
| SRV-07 | FR2-3.1 | Add a start date to specific task | Add start date to task when inputting new task | Start date is added to task and is either short or long format (Date format to be decided) |  |
| SRV-08 | FR2-4.1 | Add an expected date for completion of the set task | Possible end date to be added to the task when added to the database | Expected end date of the task to be added in either short or long format (Date format to be decided) |  |
| SRV-09 | FR2-5.1 | Task elements showing at least one team member per task | Tasks in the relation are shown and at least one team member has been allocated to the task | Task elements shown, including title, description, etc and steps taken within the task, and at least one team member per task |  |
| SRV-10 | FR2-6.1 | Task status to be shown to the user of the database | When tasks are listed, task status is shown as allocated, abandoned or completed | Task has status is shown as allocated, abandoned or completed |  |

**TaskerMAN – Website**

**Reference: MAN-00**

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| **Test Reference** | **Required Test** | **Test Content** | **Input** | **Output** | **Pass Criteria** |
| MAN-01 | FR3 | Addition and maintenance of team member data | From the website, modify the team member data stored in the database from the website | Team member data is modified and database updates accordingly |  |
| MAN-02 | FR4 | Addition and allocation of task data | From the website, create, allocate and provision any and all task data to a registered team member | Allocation of tasks to registered team members puts |  |
| MAN-03 | FR5 | Reallocation of a task | From the website, reallocate existing task to a different team member | Task(s) can be reallocated to different team member(s) if needed |  |
| MAN-04 | FR6 | Abandonment of a task | From the website, mark any task as abandoned | Task(s) can be abandoned if task(s) is unable to be completed |  |
| MAN-05 | FR7 | View tasks | From the website, view list of task the the allocated team member(s). This list has a filter option to order the list by status and/or team member allocation | Tasks are listed in order of expected completion date and is able to be filtered into status and/or team member allocation |  |
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**Tasker CLI­ – Desktop Application**

**Reference: CLI**

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| **Test Reference** | **Required Test** | **Test Content** | **Input** | **Output** | **Pass Criteria** |
| CLI-01 | FR8-1 | User Identification | On application start up, user must identify themselves using the e-mail address provided in **TaskerSRV** | E-mail prompt is shown and user needs to verify who is using the application |  |
| CLI-02 | FR8-2 | Local storage of tasks | Copy of the task for the specified user that has logged into the application | Allocated user tasks are stored locally in the user home directory |  |
| CLI-03 | FR9 | Task Synchronisation | Tasks stored locally and tasks with the allocated status for the user | Local files are stored in the users home directory and locally stored files take priority |  |
| CLI-04 | FR10 | Local editing | When identified on the application, the user is able to select a task from the current list and view the details, edit task steps in comments and change the task status to completed | User is able to select a task from the current list and view the details, edit task steps in comments and change the task status to completed |  |
| CLI-05 | FR11 | Synchronisation timing | At application start-up, FR9 must take place before and after FR10 if network access is available. This need to take place approximately every 5 minutes if no editing takes place. If no network is available, task files are stored locally until network is available for FR9 to take place | FR9 takes place at application start-up and FR10 if network access is available and takes place approximately every 5 minutes if no editing takes place. If network is not available, files are stored locally until network becomes available for FR9 |  |