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| --- | --- |
| Use Case Name | **CreateNewTask** |
| Number | **1** |
| Participating Actors | User |
| Goal | User creates new task |
| Trigger | User chooses create new task option |
| Precondition | None |
| Postcondition | On success, new task is created and may be uploaded to server |

Basic Flow

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| --- | --- |
| 1 | User selects “Create Task” |
| 2 | User enters a title for the task into the text field |
| 3 | User clicks the “+” button to add a item to the task, item selection screen will show |
| 3.1 | User clicks the “Select Item” drop down and selects the desired item type |
| 3.2 | User enters a number into the desired number text field |
| 3.3 | User enters a description of the item |
| 3.4 | User clicks “Proceed”, which returns the user to the previous screen and the task created will be displayed in the “Items attached” list.  NOTE: Step 3 can be performed multiple times |
| 4 | User selects “Public” or “Private” for their task |
| 5 | User clicks “Proceed” and the system will prompt saying the task was saved |

Exceptions

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| --- | --- |
| 3.4 | User does not enter a number or description before clicking proceed |
| 3.4.1 | System does not allow the user to proceed until all fields are completed |

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| Use Case Name | **ViewTasks** |
| Number | **2** |
| Participating Actors | User |
| Goal | User view task(s) |
| Trigger | User selects “Your Task(s)” or “All Tasks” |
| Precondition | None |
| Postcondition | Will display a list of tasks that passed through the filter |

Basic Flow

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| --- | --- |
| 1. | User selects an option |
| 1.1 | User selects “Your Task(s)” |
| 1.2 | User Selects “All Tasks” |
| 2. | System applies an appropriate filter and retrieves all task(s) that meet the criteria(s) |
| 3. | System displays all task(s) that meets the criteria(s) |

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| Use Case Name | **FulfillTask** |
| Number | **3** |
| Participating Actors | User, Owner |
| Goal | User submit changes/fulfills a task |
| Trigger | User selects a task |
| Precondition | The task must be existing |
| Postcondition | A task will be updated/fulfilled |

Basic Flow

|  |  |
| --- | --- |
| 1 | User selects a task |
| 2 | The system displays the task details with items to fulfill |
| 3 | User selects one of the items to fulfill |
| 4 | System will display a list of files (with the same type as selected in step 3) attached to the task |
| 5 | User selects to add a file or files to the task or add text |
| 6 | System displays either file or text input screen |
| 7 | System keeps list of added files updated |
| 8 | User finishes adding to the task and commits changes |
| 9 | System timestamps the input file(s) and adds them to the task |
| 10 | System sends a notification to the Owner, notifying them that a User contributed to the task. |
| 11 | System displays the updated View/Fulfill Task menu |

Exceptions

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| 10. | System fails to send notification (ex: connection issues, etc…) |
| 10.1 | System displays a message showing the notification message failed |
| 10.2 | System proceeds to step 11 |

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| Use Case Name | **AddTextToTask** |
| Number | **4** |
| Participating Actors | User |
| Goal | Text is added to a task |
| Trigger | User selects a text item to fulfill |
| Precondition | The task must be existing and must require text |
| Postcondition | A task will be updated/fulfilled with text |

Basic Flow

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| --- | --- |
| 1 | User selects a text item to fulfill in a task |
| 2 | System displays text input screen |
| 3 | User enters the text they want |
| 4 | User commits changes |
| 5 | System creates file from text |

Exceptions

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| --- | --- |
| 4 | User attempts to commit empty text |
| 4.1 | System refuses to proceed until some text is entered |

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| Use Case Name | **AddFilesToTask** |
| Number | **5** |
| Participating Actors | User |
| Goal | File(s) is/are added to a task |
| Trigger | User selects a file item to fulfill |
| Precondition | The task must be existing and must require file(s) |
| Postcondition | A task will be updated/fulfilled with files |

Basic Flow

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| --- | --- |
| 1 | User selects a file item to fulfill in a task |
| 2 | System displays list of files already attached to item |
| 3 | User selects add file option |
| 4 | System displays file input screen |
| 5 | User clicks attach file option |
| 6 | System displays list of applications that can handle inputting file type |
| 7 | User selects application and finishes getting a file |
| 8 | System displays list of added files as user attaches them |
| 9 | User commits changes |

Exceptions

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| --- | --- |
| 7 | External application crashes before returning file |
| 7.1 | System displays an error message |
| 7.2 | System goes back to step 2 |

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| 7 | User tries to insert a file with the same name as another file. |
| 7.1 | System will append a unique number to the end of the file name |
| 7.2 | System proceeds to step 8 |

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| Use Case Name | **ViewFile** |
| Number | **6** |
| Participating Actors | User |
| Goal | A file will be opened |
| Trigger | User selects a file from the file list. |
| Precondition | The file must be existing |
| Postcondition | A file will be opened by an external program |

Basic Flow

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| --- | --- |
| 1 | User selects a file to preview |
| 2 | System displays list of programs to view the file |
| 3 | User selects an application |
| 4 | The application opens the file |

Exceptions

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| --- | --- |
| 4 | External application fails to open |
| 4.1 | System displays an error message |
| 4.2 | System aborts opening the file |