BIRAN

**Attributes of Task**

* Task ID [system]: int
* Task Index Number [system]: int
* Start-time [user]: Date
* End-time / Deadline [user]: Date
* Tag [user]: String
* Flag [user]: boolean
* Note[user]: Text
* isTask[user]: Boolean

| **S/N** | **Action** | **Value** | **User Input Command** | **Internal Processing** |
| --- | --- | --- | --- | --- |
| Add | | | | |
|  | add a non-floating task with its basic information | so that I can keep track of important details of non-floating tasks at one glance | Add <name> due <date-time> OR  Add <tag> <name> due <date-time> | void addTask (String tag, String name, Date deadline) |
|  | add a floating task with its basic information | so that I can keep track of important details of floating tasks at one glance | Add <name> OR  Add <tag> <name> | void addFloatingTask (String tag, String name) |
|  | Add an event with start time and end time | So that I can add in event | Add <name> from <date-time> to <date-time> OR  Add <tag> <name> from <date-time> to <date-time> | Void addEvent(String tag, String name, Date starttime, Date endtime) |
|  | add notes | so that I can better keep track of more details of my tasks | Add <index> <note> | void addNotes (int index, String note) |
|  | Add new tag | So that I can create a new category | Add tag <name> | Void addTag(String tagName) |
| Recurring | | | | |
|  | Repeat tasks | So that I don’t need to add repeated tasks one by one | Repeat <index> <time> OR  Repeat <index> <day> OR  Repeat <index> <date in month> | Void repeat(int index, int interval) |
| Edit | | | | |
|  | edit details of a task based on the task’s index | So that I can change my task information based on my needs | Edit <index> <name> OR Edit <index> <date-time> OR  Edit <index> <tag> OR  A combination of the above | void editName (int index, String name)  void editDeadline (int index, Date datetime) |
|  | Edit note in a task | So that I can change details of my task | Edit <index> note | String editNote(int index) |
| Tag | | | | |
|  | Tag my task under a category | So that I can differentiate the category of tasks easily | tag <index> <tag name> | Void tagTask (int index, String tag) |
|  | Untag my task | So that I can remove unnecessary task from my tag | Untag <index> | Void untag (int index) |
|  | Remove tag | So that I can remove my tag | Remove <tag> | Void removeTag (String name) |
| Flag | | | | |
|  | Flag a task | So that I can indicate its importance | Flag <index> | Void flagTask (int index) |
|  | Unflag a task | So that I can reduce the importance of a task | Unflag <index> | Void unflagTask(int index) |
| Undo / Redo | | | | |
|  | Undo my previous action | So that I do not need to re-type everything again | Undo | Void undo() |
|  | Redo my undoes | So that I do not need to re-type everything again | Redo | Void redo() |
| Delete | | | | |
|  | Delete a task | So that I can remove my task | Delete <index> | Void delete(int index) |
|  | Delete tasks by batches or type | So that I do not need to remove task one by one  So that I can remove repeated task by one command | Delete <tag>  Delete <flag> OR  Delete <date-time> OR Delete <name> OR  Delete all | Void delete(String name) OR  Void delete(Boolean flag) OR void delete(Date deadline) OR  Void delete(String name) OR  Void deleteAll(); |
| View | | | | |
|  | View details of my task | So that I can have a complete picture of my task information | View <index> | Void view(int index) |
| Sort | | | | |
|  | Sort my task by chronological order, deadline order | So that I can view my task in a desired order I want | Sort by chronological / (abc) OR  Sort by deadline | Void sortByChronological() OR  Void sortByDeadline() |
| Search | | | | |
|  | Search for tasks by certain criteria | So that I can retrieve necessary tasks with keywords | Search <name> OR  Search <deadline> OR search <tag> | Void search(String name) OR void search(Date deadline) OR  Void search(String tag) |
| Complete | | | | |
|  | Mark a task as completed | So that I can complete my task | Complete <index> | Void complete(int index) |
| Reminder | | | | |
|  | Be reminded of certain task at certain duration before deadline | So that I will not miss any deadline | Remind <index> <duration before deadline> | Void setReminder(int index, int duration) |
|  | Be reminded of certain task at designated time | So that I will not miss any deadline | Remind <index> <specific time> | Void setReminder(int index, int specific time) |
| Store | | | | |
|  | Import a list of task from external source | So that I can view my task from another source in the software | Import <filename> | Void import(String filename) |
|  | Export a list of tasks from internal storage | So that I can keep track of my task on another platform | Export <filename> | Void export(String filename) |
| Navigation | | | | |
|  | Receive help on how to use the software | So that I can be prompted of the available command to perform the most desired operation | Help | Void help(); |
|  | Exit from the software | So that I can exit from the software by one command | Exit | Void exit() |
|  | Have my software running in background and launch with hotkey | So that I can easily switch from other process to my software | HOTKEY |  |
| View Customisation | | | | |
|  | Switch views between tab | So that I can switch between tabs of completed, ongoing, floating and over-due | Switch right OR  Switch left OR  Switch <tab name> | Void switchRight() OR  Void switchLeft() OR  Void switch(String tabName) |
|  | Hide unwanted window | So that I can make my interface simple and clean | Hide <window name> | Void hide(String windowName) |
|  | Show hidden window | So that I can expand my interface to the fullest | Show | Void show() |
|  | Expand drop-down | So that I can view all my task entries at one glance | Expand all OR  Expand Today OR  Expand Tomorrow OR  Expand <date> | Void expandAll() OR  Void expand(Date date) |
|  | Hide drop-down | So that I can hide my unnecessary task entry | Hide | Void hide() |