**01. Tasks**

The application manages the tasks of an active individual. The information is retrieved from a binary or text file. The functionalities of the application are:

**F01. The system shall provide a method to add a new task with the following details:**

* **Start date (in HH:mm dd:mm:yyyy format or any other reasonable date/time format)**
* **End date (in HH:mm dd:mm:yyyy format or any other reasonable date/time format)**
* **Task status (active/inactive)**
* **Recurrence time-frame (days, weeks, months, or none)**

**F02.** The system shall provide a method that show the following task details:

- start date ( HH:mm dd:mm:yyyy or any other format)

- end date ( HH:mm dd:mm:yyyy or any other format)

- task status ( active/inactive )

- recurance time-frame ( days, weeks, months )

**F03.** Afisarea task-rilor planificate intr-o anumita perioada de timp, precizata ca data si ora de inceput si data si ora de sfarsit.

**F04.** The system shall provide a means to specify the recurance of one task also in days weeks and months, and that's because it's easier for user to intoduce 1 week recurance of an event than evaluat how many hour are in a week.

**F05.** The system shall provide a method to list all the task in a week based on the start day and week of that task (even and odd weeks).

**F06.** The system shall provide a means to display an error message to the user every time one of the followig forbidden actions is taken:

- filer task without having a start & end date & hour

- add a new task without:

- name

- start date

- end date ( for recurance tasks )

- interval ( for recurance tasks )

- remove the name of an existing task and leave is without any name

**F07.** The system shall provide a means to refresh the main list accordingly with what the data file (binary or txt) contains.

**F08.** The system shall provide a method to get all the tasks present in the database file returning a copy of the tasks list.

**F09.** The system shall provide a method to all task details.

**F010.** The system shall provide a method to delete a task.