2.3 Storage

The Storage Component does the functions of storing task data in a text file and loading the data to perform displaying tasks or editing the contents of the tasks. Before storing task data, you need to create “Task Catalyst” folder and a text file called “Tasks.txt” if the folder and the text file do not exist when the program is started. Moreover, you need to check whether the name of text file is valid or not before saving tasks. To store task data, you need to convert the list of tasks into JSON objects to save in the file. Similarly, you have to converts JSON data of the text file to tasks while loading the list of tasks.