**SOFTWARE REQUIREMENTS**

**SPECIFICATION**

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**PURPOSE**

* The To-Do List application requirement is the purpose of this document.
* All the required features are mentioned in the document.
* This task manger app will not only help in tracking task but also generate a report.

**Intended Audience**

* This document is meant to be read by developer, product manager, marketing staff and tester.
* Reader may jump to useful topic for him/her.

**Product Scope**

* To-do list is meant to be used by all people.
* Specially made for people who are not able to complete their tasks on time.
* One can change his/her lifestyle by implementing this software in life.

**Product Function**

* Building a To-do List in order to help the user manage and analyze day to day tasks.
* Prioritizing various tasks and reminding the user about the necessary tasks.
* Adding new tasks at a certain time, updating them and deleting them as per the needs of the user.
* Segregating tasks as per various categories.

**Functional Specification**

* The To-do List maintains all the tasks of the user.
* Once the task is completed it will be deleted in a certain time frame.
* User will be able to Add, Delete or Update Any Desired Tasks.
* Once the Task is due, the system will prompt the user about the task.
* User can check his/her activity in a certain time frame where in what percentage of tasks are being completed will be shown.
* Report will be generated as a .txt file.

**External Interface Specification**

* Windows, Linux, Mac
* A browser which supports HTML.
* Communication between user and To-Do List program can be done with the help of web-page (https).
* Minimum storage capacity of 8 GB.
* Ram more than 512 MB**.**

**Technical Specifications**

**Database and backend**

* Data will be saved in an encrypted simple txt file.
* Report file will be a readable .txt file.

**Constraints**

* On daily bases 100 tasks can be added at max for a day.
* The report can have maximum size up to 256 KB.
* Emergency tasks can be added whenever needed.