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TaskNow - Design Document

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Table of Contents:

Document Modification History 3

1. Guidelines 3

1.1) Technical Guidelines 3

1.2) Ethical and Legal Guidelines 3

2. Data Requirements 3

2.1) Inputs 3

2.2) Outputs 3

2.3) External System Interactions 3

3. Feature Priority 4

Document Modification History

Version	Date	Author	Modification
1	January 11, 2018	Karamveer, Kalvin	Added sections from 1 through 3

1. Guidelines

1.1) Technical Guidelines

For solving the presented problem, javascript was our primary platform for development. The libraries that were used in our development was Node.js and p5.js. We also used React. Our solution is a browser-based solution that is capable of running on all platform browsers (in Linux, Windows and macOS) such as Chrome, Firefox and Internet Explorer. Electron was used to build and convert our browser-based solution to a windows executable file. For the requirements presented, this generated executable file is runnable on a 64-bit, Windows 10 based Personal computer.

1.2) Ethical and Legal Guidelines

This app shall not harm anyone in any way. There will be no vulgar, violent, or otherwise inappropriate content present. The program will not share personal data.

2. Data Requirements

2.1) Inputs

- New note button
- Text in notes
- Deleting and editing notes
- Dragging notes
- JSON text file for tasks

2.2) Outputs

- Clock visualization
- Clock alarms
- Randomly generated quotes
- Notes

2.3) External System Interactions

The program will not use an external database. However, it will require a text JSON file.

3. Feature Priority

The requirements that are listed in the requirements document fall into three different priority levels. The highest priority level is 1. This is a mandatory requirement that is vital in order for the program to work at a basic level. These requirements should be finished first. The next highest priority is level 2. These are highly important requirements, but are not crucial to the basic operation of the program. The final priority level is 3. These are requirements that add additional value to the program, but may be left out if absolutely necessary.

Priority Level	Feature
1	Clock
1	Notes
1	Quotes
3	Database