

Use cases:

1. **Students:** It is difficult for students to keep track of all the minute tasks they have. Traditionally, we would use memos and paste them on walls and keep track of those. However, the digital age urges us to embrace new tools such as Google Keep, Trello, Notion, Miro, Kanban Board, etc. in place of physical methods. However, there still lacks a robust tool for students, which should including Pomodoro Timers, Lesson Plans Imports, keep track of grades, categorizing tasks, and also Collaboration with other students.
2. **Working Adults:** With the effect of COVID-19, working from home has become a new norm, and we should embrace the changes to our lifestyle. The Scrum Methodology involves a team to be transparent about the items they have yet to do, in progress, and have completed, as well as the time estimate for each task. Furthermore, Time boxing is also imperative for effective teams discussion, ensuring that the information we bring across is concise. Current tools that are being utilized include Miro, MURAL, Jira, Trello to name a few. The project aims to extract some important aspects for working adults to be more effective in work, as well as collaboration with others.

Project Features:

1. Virtual Memo pads - Create Memo
2. Categorization of Memos Colors - Set a Label for specific Colors, assign color to Memo
3. Memo Board - A dashboard to view all active Memos.
4. Master Memo Board - a dashboard to view all Memos from all of the user's assigned Memo Boards
5. Memo Archival - A place where non-active Memos resides
6. Memo Trash - Memos that are removed as they are no longer relevant. Able to Restore to Memo Board/ Memo Archival. Auto Clears any item Added in after 30 days.
7. Filter Memo by Title, Date Created, Memo Boards, Categories.
8. Pomodoro Timer with customizable timer.
9. Kanban board to keep track of weekly tasks

Possible Expansions:

1. **User Sign-up and Login:** The proposed version shall only support one user.
2. **Cross platform Compatibility:** Able to use on Phone (Android & iOS) and Web Versions. This requires a cross platform framework such as Ionic, ReactNative etc.
3. **Memo Board Invites:** support collaboration between users. Useful for multiple users to view one single Memo Board while working on the same project.
 - a. Invites can come in form of shared link and QR code.
4. **Support Dark Mode:** The never ending battle between Light and Dark Modes. Include more users by allowing a darker color scheme