1. Task Creation: Ability for users to create tasks with title, description, date, time, category, color, priority, and reminder options.
   a. Option should be indicated with some type of plus symbol, and available on both the

2. Task Management: Ability to edit, delete, or mark tasks as completed.
   a. Completed tasks are removed from the main list, and sent to a 'completed' category, where the user can un-complete the task, or even look back at the tasks they've accomplished

3. Task categories: Assign a task to categories(Personal/work or user defined categories).
   a. Users can define their own categories
   b. Users can assign colors to categories to differentiate the tasks within the weekly/calendar views.
4. Can pick from a predetermined list of colors, or define their own colors with hex values.

5. Weekly view: Users can quickly see a list of their tasks for the current week. This will likely be the homepage users see when opening the app
   a. From this screen users can:
      i. mark tasks as completed via some form of check box
      ii. Tap on the task card to open a page with all the tasks information
         1. This page should allow the user to modify or delete the task as needed and save when complete
      iii. Tap on the '...' button in the task card to display small menu(possibly a radial menu) with the following options:
         1. Change category(Drop-down list)
         2. Delete
         3. Modify, etc.
      iv. Cycle through upcoming weeks, where the list of task cards will update to the tasks for the selected week.
         1. Task cards should include: task name, completion status, priority, category/color, and time of task if applicable.

6. Calendar View: A visual calendar representation of all events.
   a. The boxes for every given day should have some sort of visual input indicating the number of tasks for the day, as well as the the color of the category.
   b. User should be able to filter tasks by category and/or priority.
   c. User can tap on a day to bring up the tasks for that day

7. Reminders: Ability to set reminders via pop-ups, email, or sms.
   a. Users have the option to select the notification type. This could be implemented in a user's settings page

8. User settings:
    a. General user defined preferences including: Notification preferences, light/dark mode, method for exporting items.

9. Data export: Ability to export task data to external formats such as CSV.
    a. Exported data could be saved locally, or sent to the user's inbox to be shared. [Not really sure how saving files works for mobile devices.]
    b. Should include an option to password protect exported files, to further increase security.
        i. User should be prompted to enter the password upon importing the file
    c. Exported files must not be readable in plain-text, nor should they be modifiable

10. Data import/merge: Ability to import a file, and merge the file's events with your events. For team collaboration/planning purposes.
    a. Application should have the ability to overlap separate task lists, so that multiple users with the app can coordinate times they're free by overlapping teach team members task lists
    b. This ability would mean the user should be able to have separate calendar instances, and the users personal calendar's data should not be modified in this process.
    c. List of calendar 'objects' that the user can open/close.
        i. i.e. personal task calendar vs a calendar with the teams upcoming tasks.
        ii. Imported calendar objects will be saved locally within the users calendar list

11. Merge view
    a. User should be able to select 2 or more calendar objects to overlap/merge.
    b. Could possibly have several options based on the selected calendars, such as the ability to generate a list of possible free times

12. Security: Implement security measures to protect sensitive data, such as encryption and secure storage of user data.
    a. Any physical data that will be stored locally should be encrypted.
    b. User can add optionally add passwords to selected files or task lists