Risk Management
App: Prior Engagement

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I. Objective
    A. Identify the potential risks in a personal organizer app.

II. Risk Assessment
    A. Google Calendar API
        1. Have Google Calendar API documentation on hand
        2. Identify GC API data types we will use early
    B. Saving Data
        1. We will save data locally and send it to Google calendar to work with the users Google cloud data
    C. Google Authentication
        1. We need to get our app able to access Google's data
        2. Need to authenticate a google account
            a) A domain name (ie. @yahoo) may also be viewable
        3. Possible password security
    D. Display multiple calendar imports
        1. Error checks
        2. Settings for how many items to display
    E. Google Maps*
        1. Calculate travel time for location specified events
        2. Take travel time into consideration for scheduler algorithm.
    F. Algorithms
        1. Rules of engagement
            a) Cannot move (importance value == 5)
                (1)Sleep
                (2)Class
                (3)Work

        b) Can move (== 1)

        c) May move (== 4)

            (1)Goals

            (2)Hobbies

2. Classify events

        a) User classifies events

        b) Scheduler parses on Calendar import and makes intelligent decisions to events

            (1)Repetition

            (2)Keyword

                (a)Appointment

                (b)Class

                (c)Work

                (d)Location specification

3. Event input

        a) Title

            (1)Required

        b) Type - maybe we have default values for basic types(1-4) but have options to reassign.

            (1)Goal

            (2)Appointment

            (3)School

            (4)Work

            1. Movable

            2. Not Movable

            3. Maybe Movable

            (1)User assigns value 1-5?

        c) Location

            (1)Not req.

            (2)Google maps

        d) Time

            (1)Required

    (2)Hours/Min

    (3)Date

  e) Repeat

    (1)Weekly

      (a)Mon/Tue/Wed/etc

  f) Notes

  g) Notification Y/N

  h) Images for background