



LIFE SCHEDULER
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OBJECTIVE

- Given a data set of user entered Goals and Tasks, generate an adequate schedule that takes into account everything to be done in a given day
- Personal, automatic scheduling
 - Better with more user data entry

RESEARCH

- Google Calendar – very useful for display, but does not generate events at this level of complexity
- Shift scheduling apps like Humanity, Sling, etc. – Aimed at working in an extra, shared schedule between people. Does not generate times

INTENDED FEATURES

- User accounts
- Goal & Task Creation/Management
- Generate schedule (aka 'Time Allotments')
- Splitting up tasks into multiple Time Allotments
- Export/Import to and from Google Calendar
- Task Constraints
- Fixed tasks => Events

CHALLENGES

- Determining the length of time to allot for a task
- Determining the possible time slots for a given task
- Deciding which task to choose if more than one may fit in a given time slot
- Determining whether or not a schedule that completes all tasks is possible
- Determining how to handle 'conflicting' tasks
- How to classify and apply arbitrary constraints between two arbitrary tasks
- Displaying the schedule effectively
- Allowing the user to enter/edit Goals/Tasks easily