Dom Dones DoLendar

**Dolendar**

App is a combination of a to-do list and a calendar

* Main focus is work productivity
* Personal goals too. Want to help you achieve them
* Useful way of time management and a way to fit all your “to-do” items into a calendar
* **Goal**: Help people stop procrastinating so much. Work towards your goals
  + Allow people to be more intentional with their time by giving them a better sense of what their day is like
  + Give balance to life.
  + If you’re always stressed out and worrying about all the things you have to do you’re going to be unhappy.
* If you procrastinate, you will see the effect that that has on your tasks- they start getting pushed to the future and start piling up
  + Encourages you to do more things- even things that aren’t obligations
  + Typically people put responsibilities on calendars. Not things like having fun, or sleeping.
  + Put things like playing video games or cooking on your calendar so you can see the effect that that has on your tasks.
  + Suppose you use a **Time Window Filter** for tasks tagged as “fun”. Then you can schedule time on your day off and use the filter to see what things you can do during that block of time.
* Want app to be sleek, modern, and elegant
  + UI minimizes the amount of effort that it takes to add a new task
  + Want it to be so attractive that people want to pay for a subscription
    - Want users to use and love it so that eventually companies begin to use it.
* Free subscription: events/tasks are saved locally in your phone. No syncing between devices
  + No server costs for this, so it’s not decreasing revenue
* Paid user subscription:
  + Events/tasks are synced to the cloud. Gives users inter-device flexibility.
    - Have to pay for cloud storage
* Paid business subscription:
  + Boss can assign tasks to employees, etc. More collaboration features than paid user subscription.
  + First iteration: everybody within an enterprise environment can assign tasks to each other
  + Notifications if user gets assigned a task; notification that something is due in the near future
* Colors:
  + User-defined coloring themes
  + Default light & dark modes
  + Tasks are color coded
* Simple metrics for tracking task completion
* Task completion UI
  + When a task is completed, it disappears from the calendar
  + Option to toggle a “completed” section from the task view

Calendar View

* Has a **Current Date** line that shows you where you are in calendar;
* Shows fixed events & populates free time with tasks that fit that block of time.
* **Time Window Filter** (unique to Dolender & optional): A window of time in which a filter is applied (**best used for filtering when at physical locations)**
  + User can filter by **Time Windows**, which brings up all tasks with matching tags.
    - This will prioritize all tasks with matching tags to be displayed. After all matching tags are displayed, the **Time Window** will begin to populate with all tags starting from the first task that was skipped by the filter.
  + If a **time window** is scheduled on the calendar and there are no **tasks** with the **tag** corresponding to that **time window**, then the **time window** will remain empty and no tasks will be scheduled for this time.
* Ex: There are tasks that can only be completed at UCI. So we create a UCI tag. Then we drag **Time Windows** onto the days that we are at UCI. So on the days that we are at UCI, matching **tags** are prioritized onto the calendar view, followed by non-tagged tasks.
* Ex: Suppose we are not morning people. So we **tag tasks** with the labels “easy”, “medium”, “hard”. One morning we decide to work on “easy” and “medium” tasks, so with the **Time Window Filter** we select criteria to show “easy” and “medium” tasks, and our

To-Do List

* Shows **all** **tasks**.
* **Tasks** can have an optional due date
* **Tasks** have a **Time Duration** that are manually assigned by user.
* **Tasks** MUST have a **Time Duration.**
  + Flow around **Events**
* As soon as you have a free block of time, **Tasks** can be assigned to that block of time.
* If **Tasks** are assigned to your calendar and not completed, they get pushed further down the calendar to the next available block of time
  + “Oh, I’m not going to get things done until Sunday”
* Changing the order of **Tasks** within the traditional **List-View** will change the priority of the tasks within the **calendar** view
* **Tags**- Allows users to

Functional Requirements

* In the **task list** we have a clickable box. When clicked, it marks the **task** as done and all tasks in the **calendar view** move up the list.
* **Task duration** can also be modified and **time to completion** can be increased/decreased
* **Tasks** can be subdivided into **sub-tasks**. (ex. Parent task is mail a letter to mom. Sub tasks are then go to the store and buy a letter, write a message, go to the post office.)
  + Only when all **sub-tasks** are completed will the parent task be completed.
  + In **Calendar-view** only the sub-tasks will be displayed.
* Have a default 30 min. **task duration** for all new tasks (can be changed in settings)
* Calendar sharing
  + Have a way of sharing states of tasks (for business use; want a paid tiered system)
* Notifications
  + If user wants to be notified of **events**
  + **Tasks**
    - Send notification if time conflicts exists between a due date and the time needed to complete the task
* Syncing with Apple/Google calendars to make a seamless transition.

Additional Integrations (Future)

* Advertisements for users on the free version of the app
* Intent to support Outlook, Exchange, in future iterations
* List of admins for assigning tasks within enterprise environments; manager can assign to team members, head manager can assign to manager, etc.
* Accessibility
  + Increase font size, voiceover for audibly impaired
* Cross Platform compatibility
  + Support for Linux, Windows, MacOS

Priorities

* Phase 1: iOS/Android integration
* Phase 2: Desktop

Risks

* Lot of competition within the calendar/to-do list space
* Investor spends $2M and the app doesn’t catch on
* Apple steals our idea and implements it into the new iOS
* Security- we must minimize the risk of getting hacked and our data being leaked

Assumptions

* Continued Apple & Google Calendar support
  + Dolendar builds on top of these existing calendars.