

CRITERION E: EVALUATION

MEETING THE CRITERIA FOR SUCCESS

Comprehensively, although not all the original goals were met, the core goals were definitely fulfilled.

Accomplished Goals:

- Allow the user to input dates and times for static events
- Assist the user in timing of dynamic tasks if desired
- Allow the user to update progress of dynamic tasks
- Allow the user to add, change, and remove both static events and dynamic tasks
- Change the prioritization and timing of dynamic tasks when any changes are made
- Update the calendar and agenda with a new schedule whenever changes are made

Unaccomplished and Partially Accomplished Goals:

- Display all events and tasks in both a calendar graphic and an agenda graphic.
 - Creating a calendar itself proved to be an extremely daunting task. I spent months attempting to incorporate my program into the Google Calendar API, which failed. Moreover, the needs of the client only required a daily agenda, and anything more would have been counter-productive due to complexity.
- Assist the user in prioritization of dynamic tasks if desired.
 - Prioritization algorithms are overwhelmingly complex and involve programming closer to artificial intelligence. Humans use a very well-developed sense of prioritization, therefore, any algorithm that I am capable of creating would not be advanced enough to help. Also, manual prioritization gives the user more flexibility.

RECOMMENDATIONS FOR FUTURE IMPROVEMENTS

Although the clients are satisfied with the program, there are infinite areas of improvement. First of all, this program is constricted to only one day. An ideal program would involve an overall calendar rather than just an agenda. An extended scope would allow users to plan long-term events and projects. The program could also inquire the user about different traits of tasks, such as its category, to automatically prioritize tasks. Additionally, the program could also adapt to how the user prioritizes and completes tasks. This would be accomplished using a programming style similar to that of neural networks: mimicking the habitually and adaptability of the human mind. Ultimately, this program could extend to manage the user's entire life,

balancing different types of events and tasks to provide the user with a more balanced lifestyle. The potential of this idea is immense. Although this program suffices for day-to-day use, there is an inexplicable amount of improvement towards scope and adaptability in planning.