Work Completed

Throughout the past week, additional research has been done on C++ programming and, more specifically, formatting solutions for the Palm® Device. The need for an additional source for programming information was identified in the previous week. After searching a variety of internet sites, a small group of beginner and intermediate books have been selected as possible sources for C++ programming knowledge with respect to Palm® devices.

Further reading of the general C++ programming language was accomplished within the week. A large knowledge base of C++ programming is necessary to successfully create the Medication Reminder Program. As new techniques are learned, new ideas and sequence of the program structure and brainstormed.

The sample subsection, Medication Reminder Schedule, has been edited from the previous week. The Medication Reminder Schedule subsection has been compiled and executed. The subsection ran efficiently when used with a series of different inputs. However, the program is still written to be used with a standard input device or keyboard, and cannot be transferred to the Palm.

The Dose Count subsection has been drafted to work in-sync with the Medication Reminder Schedule subsection, but has not been created in C++ language because of the input-device issue. The most important problem to be overcome by next week is the issue concerning the program writing vs. the standard input device.
Future Work

Within the following week, the additional texts needed for the writing of the Medication Reminder Program should be arriving. Once the text has been received, the research on specific formatting for the Palm® device can begin. Through reading the general C++ programming reference book, a strong background and sense for the language has been developed. The book should be completed by the end of next week. Through this text and the additional, Palm® specific text, the actual typing of the Medication Reminder Program in computer language should be well under way.

Project Review

In review, the progress being made with respect to the project is mainly focused on creating a strong background to be able to successfully write the program. It has been a challenge to learn the C++ programming language on an accelerated pace, but the task of building a knowledge base of the program has been nothing less than successful thus far. The structure being used in the first subsection has also been successful, giving confidence for the success of the program. With the additional help of a Palm® specific reference, the drafting of program to be used with a “non-standard” input device and the additional subsections for the Medication Reminder Program should be well under way.

Hours Worked: 14