LMT Management Software

System Proposal

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System Methodology

LMT Management Software will be written in Java and CSS. As the project further develops, internet protocol procedures will implement JSP, MySQL, and an Apache database. Agile development, specifically extreme programming will be used in creating this software. This management system will go through a series of simple iterations in its UI and functionality. Each iteration will include simple add-on functions along with unit testing to make sure it works. Progress will be monitored based on working software. Iterations will be written off on GitHub project tracker.

Software Functions

This software should allow the user to input, modify, and track large amounts of product. Converting the same product to smaller amounts and creating a quantity based on weight. It should also allow the creation of new types of product into the database. Once the inventory data is finalized, inventory should update in real-time when product is sold. There should also be a time tracker for grow operations and for employees. Lighting schedules and performance trackers such as fertilizing schedules, de-leafing, and other activities can be implemented.