

IPRO 312 Project Proposal

Objective:

Our objective is to research pharmaceutical products that require multi-batch uniformity and quality, identify common testing inefficiencies, and provide conceptual recommendations to reduce these testing times and costs.

CURRENT PROCESSES – TESTING INEFFICIENCIES = OUR GOAL

Research Categories

1. Candy
2. Cosmetics
3. Non-FDA Regulated (e.g. Vitamin Supplements)
4. FDA Regulated (e.g. Cialis)

Tasks to be Accomplished:

1. Identify specific products for each category
2. Research current manufacturing processes for each product
3. Develop a clear outline of current manufacturing processes
4. Research issues that affect quality
5. Identify current testing inefficiencies
6. Brainstorm potential options regardless of cost
7. Narrow options to realistic solutions
8. Create check sheet to improve processes

Tentative Timetable:

<i>Week</i>	<i>Task</i>
1	IPRO introduction
2	Brainstorming
3	Brainstorming
4	Task 1 COMPLETE
5	Task 2
6	Task 2 COMPLETE
7	Task 3
8	Task 3 COMPLETE
9	Task 4+5
10	Task 4+5 COMPLETE
11	Task 6 COMPLETE
12	Task 7
13	Task 7 COMPLETE
14	Task 8 COMPLETE
15	
16	

Conclusion:

We will provide a method for companies to identify and fix problems in their testing processes. This will reduce time and expenses for testing, while maintaining or improving batch uniformity and quality.

Team Members:

Candy

Robert Logisz

Edward Parry

Dominic Walters

Cosmetics

Priscilla Simmons

Elizabeth Bilitz

Non-FDA Regulated Products (e.g. Vitamin Supplements)

FDA Regulated Products (e.g. Viagra)

Hosung Shun

Michael Hagan

Hong-Kwon Kim

Scott Larson

Keith Olsen

Jeffrey Schejbal

Anthony Ziskovsky

Appendix A:

References: