TIM80C Lecture 18 (5/28/15)

Agenda

1) What it's like to work at a Start-up
   - Early Stage Startup: Tom Beckett, Bar Smith
   - Mid-Stage Start-up: Tabitha Chew
   - Late-Stage Startup: Karina Thanh

2) Final Exam / Homework 5

3) Project Presentations

4) Course Review: Skills / Lessons Learned

5) Product Design: TIM80C Course
Final Exam

Date: Monday June 8, 7:30 pm - 10:30 pm

Problem: Create a start-up in the aerospace industry

- Product Strategy
- Market Strategy
- Business Plan
- Financial Strategy (NCW)

Open Notes. All information (e.g., Market Research) will be provided.

Homework 5

Due on June 8

Problem: Finish the financial strategy for the robotic vacuum cleaner (HW4)

Good Practice for the Final Exam
Project Presentations

Project Presentations will be on Tuesday and Thursday of next week.

- 15 minutes: 10 minutes for the presentation
  5 minutes for questions
- 6 groups on Tuesday
- 6 groups on Thursday

Attendance is mandatory

Sign up before you leave.

Email Tyler your slides (PDF) on Monday 6/1/15.
5) Product Design: TIM80C Course

For IECE Extra Credit on Final Exam

Define the Problem: Improve the TIM80C course with respect to customer needs (students)

Approach

1) Dissect the current TIM80C course (Spring 2018) using a FAST diagram

2) Create a Function Structure of the course functionality desired by the customer (student)

3) Brainstorm alternative forms for the desired functionality and organize these alternatives using a morphological matrix

4) Generate 3-5 design concepts for TIM80C

5) Evaluate the design concepts with respect to customer needs using an appropriate set of selection criteria
6) Select a single design concept for Spring 2016

Due June 8 at the Final Exam