03/12: Design Day and the Project Video

The Capstone Experience

Dr. Wayne Dyksen
Department of Computer Science and Engineering
Michigan State University
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What’s left?

- 03/12: Design Day and the Project Video
- 03/14: Camtasia Demo
- 04/02: Beta Presentations (3 Weeks)
- 04/23: Project Videos (6 Weeks)
- 04/25: All Deliverables (6 Weeks + 2 Days)
  - Project Plan
  - Manuals
  - Source Code
  - Project Video
  - Team Evaluation Form
- 04/26: Design Day Setup, 2:30pm
- 04/27: Design Day, 6:30am
Design Day Overview

• MSU Union
• Friday, April 27, 6:30am – 2:30pm
• Exhibits of Design Projects
  ▪ From Entire College of Engineering
  ▪ Visitors Include
    o Faculty
    o Family and Friends
    o Corporate Sponsors
    o Middle and High School Students
• Dress is Business
Design Day Activities

• 6:30 a.m. Setup and Donuts
• 7:00 a.m. All-Hands Photo
• 7:30 a.m. - 11:45 a.m. Presentations to Judges
  ▪ See Schedule
  ▪ Lake Ontario Room (Third Floor)
• 8:00 a.m. - 12:30 p.m. Team Exhibits
• 12:00 p.m. Free Lunch
• 12:30 p.m. Tear Down
• 1:15 p.m. Awards Ceremony
• 2:30 p.m. Debriefing Meeting
  ▪ All-Hands
  ▪ Judges
  ▪ Corporate Visitors
  ▪ Families and Friends
Design Day Activities

All-Hands Photo
Design Day Activities

- Table
- iMac
  - For Software
  - For Project Video
- Other Device(s)
  - MacBook Pro
  - iPhone/iPad
  - Android
  - STB
  - Etc..
- Poster
  - DD Booklet Page
  - Provided by Dr. D.

Team Exhibit
Design Day Activities

Main Lounge
Design Day Activities

Middle School Student
Design Day Activities

Faculty
Design Day Activities
Design Day Activities

Middle School Students
Design Day Activities

Families
Design Day Awards

• **Awards**
  - Auto-Owners Exposition Award
  - Chrysler Praxis Award
  - TechSmith Screencast Award
  - Urban Science Sigma Award

• ~12 **Judges**

• Based On
  - Project Plan
  - Project Video
  - Design Day
    - Exposition
    - Presentation to Judges
Design Day Awards

Judges’ Questions
Design Day Awards

Sponsors and Families
Design Day Awards

Judges at the Exhibits
Design Day Awards

Award Ceremony
Project Video

• Tells Project Story
  ▪ The “Problem”
  ▪ Your “Solution”
    o Architecture
    o Some Technical Details
  ▪ Software Demo
  ▪ Acknowlegements

• 10-15 Minutes in Length
• Professional
• Lots of Work
Project Video How To

• Story Board
  ▪ Plan Video and Audio
  ▪ Very Specific

• Capture Video
  ▪ Screen Video or Shots
  ▪ Photographs
  ▪ Digital Video

• Capture Audio
  ▪ Write Script
  ▪ Record in Telecomm Sound Studio
Project Video How To

• Edit
  ▪ Video
  ▪ Audio
  ▪ Use
    o Camtasia
    o Other Software of Your Choice

• Produce
  ▪ .wmv
  ▪ Other Formats of Your Choice
Project Videos

• See Archives

• Examples
  - Ford
    Ford Conference Room
  - Medtronic
    Mobile Health Management System
  - TechSmith
    Screen Capture Multi-Image Output Accessory for SnagIt