

01/06: Capstone Overview

The Capstone Experience

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Spring 2014



*From Students...
...to Professionals*

Capstone Overview

➤ Course Logistics

- Client Projects
- Course Logistics (Continued)

CSE 498, Collaborative Design

- “The Capstone Experience”
- Instructors
 - Dr. Wayne Dyksen (“Dr. D.”)
 - Malcolm Doering
- Class Meetings
MW, 3:00-3:50pm, 2250 EB
- Syllabus
- Web Site
 - capstone.cse.msu.edu
 - Check it often.



Course Goals

(1 of 3)

- Give You Experience
 - Real World (As Possible)
 - In Corporate Setting
- Help You Transition
 - From Student
 - To Professional

Course Goals

(2 of 3)

- Teams of Students
- Build Significant Software System
 - Design
 - Develop
 - Debug
 - Document
 - Deliver
- For Corporate Clients
- In 15 (Short) Weeks



Course Goals

(3 of 3)

- Build a Significant Software System
- Work in a Team Environment
- Learn New Tools and Environments
- Build and Administer Systems
- Develop Your Communication Skills
- Develop Interview Talking Points
- Learn to Do Stuff on Your Own
- Etc...



Project Deliverables

- Project Plan Document & Presentation
- Alpha Presentation
- Beta Presentation
- Project Software & Documentation
- Project Video
- Design Day

See [Major Milestones](#).



All-Hands Meetings

Presentations By

- Dr. D.
- Teams
 - Status Reports
 - Formal Presentations
 - Project Plan
 - Alpha
 - Beta
 - Project Videos
- Guest Speaker(s)



All-Hands Meeting Agendas

01/06: Course Overview

01/08: Project Plan

01/13: Risks and Prototypes

01/15: Schedule and Teamwork

01/20: (Martin Luther King Day, No Meeting)

01/22: Team [Status Report Presentations](#)

01/27: Team [Project Plan Presentations](#)

01/29: Team [Project Plan Presentations](#)

02/03: Team [Project Plan Presentations](#)

02/05: Team [Project Plan Presentations](#)

02/10: Resume Writing and Interviewing

02/12: Creating and Giving Presentations

02/17: Team [Alpha Presentations](#)

02/19: Team [Alpha Presentations](#)

02/24: Team [Alpha Presentations](#)

02/26: Team [Alpha Presentations](#)

03/03: (Spring Break, No Meeting)

03/05: (Spring Break, No Meeting)

03/10: Status Reports

03/12: Status Reports

03/17: [Design Day](#) and the [Project Videos](#)

03/19: Camtasia Demo

03/24: Ethics and Professionalism

03/26: Intellectual Property

03/31: [Beta Presentations](#)

04/02: [Beta Presentations](#)

04/07: [Beta Presentations](#)

04/09: [Beta Presentations](#)

04/14: Status Reports

04/16: Status Reports

04/21: [Project Videos](#)

04/23: [Project Videos](#) and [All Deliverables](#)

04/24: [Design Day Setup](#)

04/25: [Design Day](#)

04/28: [Project Videos](#)



Urban Science Capstone Lab

- 3352 EB
- Door Lock
 - Electronic Keypad
 - Code = #####
- Systems
 - Three PC's per Team
 - Dell Rack-Mounted Server
 - Two Development Machines
 - ❖ 27" iMac
 - ❖ 13" MacBook Pro
 - Team 100% Responsible
 - Building
 - Maintaining
 - Securing
 - Backing Up
- Books
- WiFi
 - SSID: CSE498
 - Key: ???????
- Conference Area
 - Team Meetings
 - Client Conference Calls
 - Google [Conference Calendar](#)
- Appliances
 - Water Cooler/Heater
 - Whirlpool Refrigerator (with Ice Maker)
 - Microwave
 - Keurig Coffee Maker
- Lockable Storage
 - One Drawer Per Team
 - Assigned and Labeled
 - Obtain Keys from CSE Office



Scheduled Lab Times

- No Formal Lab Sessions
- “Credit” for Scheduled Weekly Meetings
 - Team Meetings
 - Client Conference Calls
 - Triage Meetings with Malcolm
- Meeting Times TBA With
 - Team
 - Client
 - Malcolm
- Students must be available to meet.



Capstone Overview

✓ Course Logistics

➤ Client Projects

• Course Logistics (Continued)

Team / Project Generalities

- Clients
 - Vary in Size and Type
 - Client contacts/mentors are “volunteers”.
- Team Contact Person
 - Picked By Team
 - Main Point of Contact for Client

Team / Project Generalities

- Project Types
 - All Significant Software Development
 - Vary in Specifics
- Project Level of Difficulty
 - Hard Enough
 - But Not too Hard
- Deliverable
 - To the Client
 - By the Due Date

Team / Project Generalities

- Challenges
 - Very Short, Unforgiving Time Line
 - Client Contact
 - Team Dynamics
 - Project Plan (in Three Weeks)
 - Entirely New...
 - Languages
 - Environments
 - API's
 - SDK's
 - Processes
 - Protocols
 - Etc.
 - Project Management
 - Etc...



Project Specifics

- Vary
 - Type
 - Current State of Specificity
- Challenge
 - Connect with Client
 - “Nail Down” the Project
 - Hard Enough
 - Not too Hard
 - Avoid Feature Creep
 - Course Feature, Not Bug



Project Teams/Clients

- Team Auto-Owners
- Team Boeing
- Team Ford
- Team GM
- Team Google
- Team Meijer
- Team MSUFCU
- Team Quicken Loans
- Team Spectrum Health
- Team TechSmith
- Team Urban Science
- Team Whirlpool

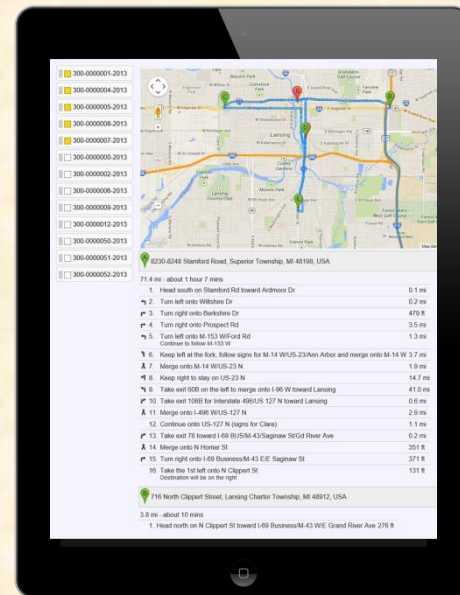


Team Auto-Owners

Project Overview

Mobile Audit Itinerary and Worksheet

- Functionalities
 - Collect Updated Policyholder Information
 - By Underwriting Field Service Representatives
 - Using Mobile Devices
- Features
 - Support Laptops, Tablets and Smartphones
 - List Daily Appointments
 - Map Out Route
 - Ability to Work Offline
 - Import/Export XML
 - Produce Reports in PDF
- Technologies
 - CSS3
 - HTML5
 - Java
 - JavaScript / jQuery
 - XML



Lansing, Michigan

Team Boeing

Project Overview

Flight Simulator Suite

- Functionalities
 - Flight Simulator Application Suite
 - Fly a Variety of Aircraft
 - In Locations Around the World
- Features
 - Based on FlightGear Flight Simulator
 - Support Networked Multiplayer Mode
 - Observe Flight Traffic Monitors
 - Collect Key Performance Statistics
- Technologies
 - FlightGear Flight Simulator
 - TCP/IP Networking
 - Python, Python GUI
 - Jenkins or GitHub
 - Open Message Queue (MQ)



St. Louis, Missouri

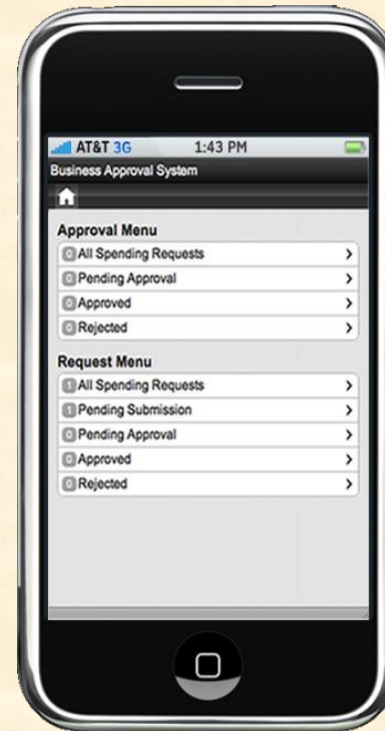


Team Ford

Project Overview

Mobile Approver

- Functionalities
 - Simplify Business Approval Processes
 - Using Single Common Interface
 - On Mobile Devices
- Features
 - Support Laptops, Tablets and Smartphones
 - Approve, Reject or Send Back Requests
 - Drill Down Through Item-Related Business Logic
 - Connect to Various Existing Back-End Systems
 - Handle QR Code Input
- Technologies
 - CSS / HTML5
 - JavaScript / Ajax
 - PrimeFaces Mobile JSF
 - J2EE (Java 2 Platform Enterprise Edition)
 - Microsoft SQL Server 2008
 - QR (Quick Response) Codes



Dearborn, Michigan

Team GM

Project Overview

The Matrix: Vehicle Simulator System

- Functionalities
 - Simulate Vehicles Moving Along a Route
 - For Testing GM Location-Based Apps
 - Accessible Via Web Service API
- Features
 - Database of Vehicles
 - RESTful Web Services
 - Create Vehicle
 - Route Vehicle Along Waypoints
 - Discrete Timing Mechanism
 - Move Vehicle
 - Update Location-Based App
 - Create and Handle Named Events (i.e., “Crash”)
- Technologies
 - CSS / HTML / JavaScript
 - Java / J2EE
 - Java Web / Application Server
 - Oracle Database
 - Google Maps API

myChevrolet Mobile Phone App



Detroit, Michigan



Team Google

Project Overview

Change Management Software

- Functionalities
 - Provide Change Management System
 - Built “Google on Google”
 - (Replace Legacy System)
- Features
 - Underlying Data/Document Model
 - HTTP-Based API
(Create, Read, Modify and Change Requests)
 - Browser-Base User Interface
(Create, View, Edit, Review and Discard Requests)
- Technologies
 - CSS / HTML
 - JavaScript
 - Google App Engine
 - Python or Go



Google™

Mountain View, California



Team Meijer

Project Overview

Mobile Customer Satisfaction App

- Functionalities
 - Provide Feedback About Shopping Experience
 - By Customers
 - Quickly and Easily
 - Via Mobile Devices
- Features
 - Support Tablets and Smartphones
 - Use Cloud-Based Data Storage
 - Is Secure
 - Provide Web-Based Corporate User Interface
- Technologies
 - CSS / HTML5
 - Microsoft Azure Services
 - Mobile Development Methodologies
 - Social Media



meijer[®]

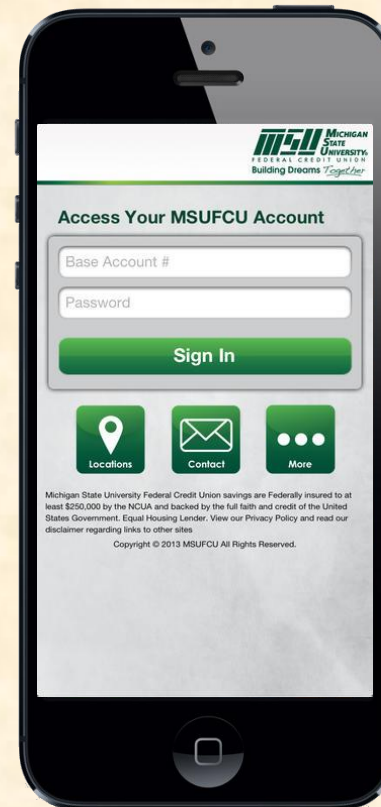
Grand Rapids, Michigan

Team MSUFCU

Project Overview

Mobile Financial Education App

- Functionalities
 - Provide Financial Educational Tools and Resources
 - For University Students
 - Via Mobile Devices
- Features
 - Support both iPhone, iPad and Android Devices
 - Cover Various Topics
 - Budgeting
 - Building Savings and Credit
 - Protection from Identity Theft and Fraud
 - Glossary of Terms
 - Financial Calculator
 - Ask an Expert
- Technologies
 - CSS / HTML / PHP / JavaScript
 - Android Development / Java
 - iPhone and iPad Development / Objective-C
 - Microsoft SQL Server



Team Quicken Loans

Project Overview

Mobile RFID Inventory Tracking System

- Functionalities
 - Monitor and Track Mobile Test Device Inventory
 - Used by QL's Mobile Application Development Team
 - Based On RFID Tags
- Features
 - Snapshot of Device Inventory
 - Checked Into Mobile Devices Cabinet
 - Checked Out to Developers
 - Authenticate and Track Users
 - Provide Website with Information on All Devices
 - Produce Detailed Reports
 - Send Email to Users
- Technologies
 - Impinj Speedway
 - R420 RFID Reader
 - Connect RFID Management Software
 - RFIDEas RDR-6081AKU NFC Badge Reader
 - .Net Integration
 - With RFID Hardware
 - Into Database
 - Microsoft SQL Server



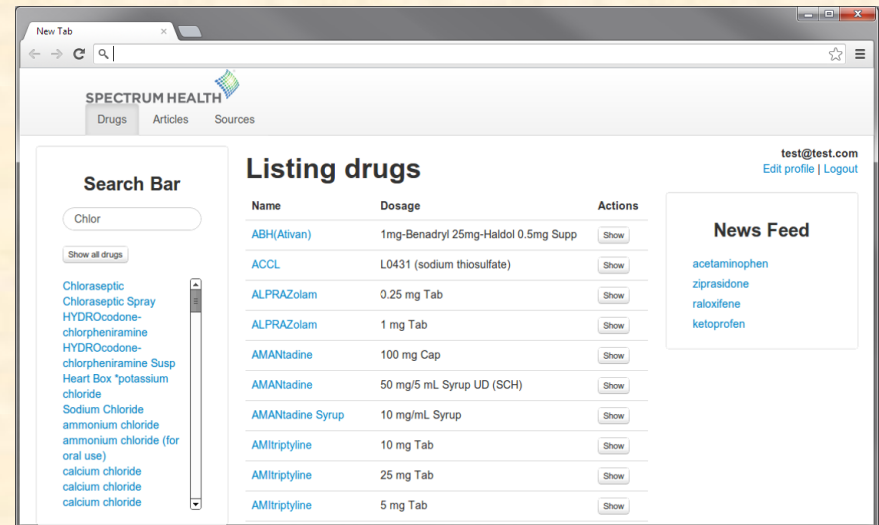
Quicken Loans®
Engineered to **Amaze®**
Detroit, Michigan

Team Spectrum Health

Project Overview

Medications Shortages Dashboard

- Functionalities
 - Manage Shortages of Key Medication
 - By Pharmacists
 - Chose Best Course of Action
 - Weather the Shortage
 - Seek Additional Stock from the Grey Market
 - Swap the Medication for an Alternative
- Features
 - Create Comprehensive View of Industry Shortages
 - XML/RSS Feeds
 - ❖ ASHP (American Society of Hospital Pharmacists)
 - ❖ FDA (Food and Drug Administration)
 - Formulary and Inventory Information from Pyxis and Talyst
 - Spectrum Pharmacies and Store Rooms
 - Identify and Handle Specific Shortages
 - Record, Monitor and Track
 - Log Comments, Plans of Action and Status
- Technologies
 - CSS / HTML5
 - JavaScript / AngularJS
 - ASP.net MVC
 - Microsoft Internet Information Services (IIS) 7.0
 - Microsoft SQL Server
 - REST Service Layer
 - Medication Shortages Dashboard, [Fall 2012](#)



The screenshot displays the Spectrum Health website interface. At the top, there is a navigation bar with 'SPECTRUM HEALTH' and tabs for 'Drugs', 'Articles', and 'Sources'. A user profile 'test@test.com' is visible in the top right corner with links for 'Edit profile' and 'Logout'. The main content area is divided into three sections:

- Search Bar:** Contains a search input field with 'Chlor' and a 'Show all drugs' button. Below it is a scrollable list of search results including 'Chloraseptic', 'Chloraseptic Spray', 'HYDROcodone-chlorpheniramine', 'HYDROcodone-chlorpheniramine Susp Heart Box *potassium chloride', 'Sodium Chloride ammonium chloride (for oral use)', 'calcium chloride', and 'calcium chloride'.
- Listing drugs:** A table with columns for Name, Dosage, and Actions. The table lists several drugs with their respective dosages and a 'Show' button for each.
- News Feed:** A section on the right with the title 'News Feed' and a list of drug names: acetaminophen, ziprasidone, raloxifene, and ketoprofen.

SPECTRUM HEALTH 

Grand Rapids, Michigan



Team TechSmith

Project Overview

Google ClassView

- Functionalities
 - Dashboard View of Google Drive
 - For Teachers and Students
 - Via Chrome App
- Features
 - Models the Classroom
 - Helps with Content Management
 - Facilitates Assignments and Collaboration
 - Teacher Dashboard and Student Dashboard
 - Notifications for Key Events
 - Assignment Posted
 - Assignment Due
 - Assignment “Progress” Mechanism
 - Provide Usage Statistics
- Technologies
 - CSS / HTML5 / JavaScript
 - Chrome App APIs
 - Google Drive SDK
 - Google Analytics

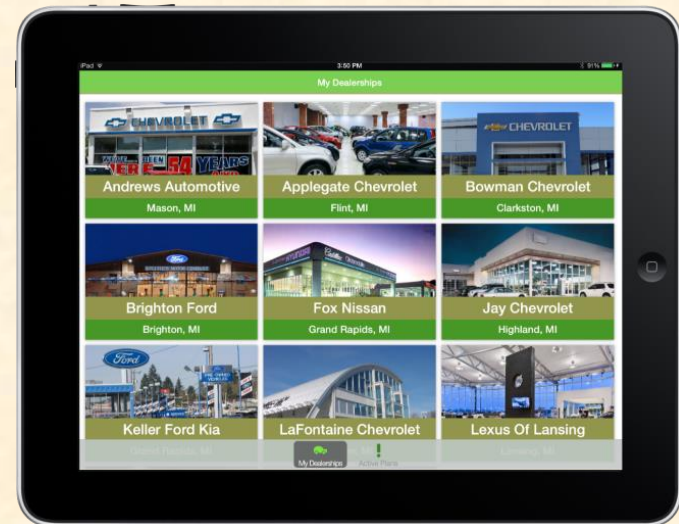


Team Urban Science

Project Overview

Dealer Improvement Recommender System

- Functionalities
 - Recommendation System for Automobile Dealerships
 - Based On Weighted Expected Outcomes
 - For Use by Urban Science Consultants
- Features
 - Native iPad App
 - Create, Edit, Delete and Visualize
 - Expected Outcomes
 - Weights
 - Relationships Between Outcomes
 - Integrated with Dealership Performance Data
- Technologies
 - iPad Development / Objective-C
 - Web Development
 - Visualization Libraries
 - Web Services
 - SQL Server



URBAN SCIENCE.

Detroit, Michigan



Team Whirlpool

Project Overview

Virtual Appliance Simulator

- Functionalities
 - Simulate 1 to 1000's of Virtual Appliances
 - Used During Development of Connectivity Solutions
 - For Whirlpool's Connected Appliances
- Features
 - Appliance Configurator
 - API Interface
 - Scheduler
 - Execution Engine
 - Communication Interface with the Cloud
- Technologies
 - Linux Operating System
 - Thread Computing in Linux
 - Linux Shell Scripting
 - Cloud-Based Computing
 - Java



Benton Harbor, Michigan

First Assignments

- Read the Syllabus.
- Check out the Lab (3352 EB).
 - See if you can find it.
 - See if you can get in.
- Check out the Web Site.
- Research your Project.
 - Client
 - Technologies



What's Next?

- Teams
 - Assignments by Email Tonight
 - Meet Initially by Tomorrow Afternoon
 - Lab Machine Assignments in Lab
 - Start Configuring Lab Machines
 - Team Photos
 - Monday 01/12, After All-Hands Meeting
 - Dress Casual (But Appropriate)
- Client
 - Contact by Email by Tomorrow COB
 - Conference Call by Phone by Friday
 - Review Project Proposal



Capstone Overview

✓ Course Logistics

✓ Client Projects

➤ **Course Logistics (Continued)**



Urban Science Capstone Lab Machines

- Three Per Team
 - Rack-Mounted Dell Server
 - Connected to the Outside World
 - Keep Secure
 - 27" iMac
 - 13" MacBook Pro
- Operating Systems on iMacs and MBPs
 - Run OSX
 - Install VMware Fusion 6 (from [here](#))
 - Create Virtual Machines As Needed
 - Windows XP, Vista, 7, 8
 - Linux



Capstone Lab Miscellany

(1 of 2)

- Security
 - Keep lab doors closed.
 - Do not open doors for strangers
 - Do not give out door key code to others.
 - Email Dr. D. if door becomes unlocked.
- Wireless
 - SSID: CSE498
 - Key: ???????
- Coffee
 - Some Provided by Dr. D.
 - Bed, Bath & Beyond (Get 20% Off Coupon)
- Game Playing / Video Watching
 - Not On Monitors Facing Hallway
 - Not If Other Team Members Need Machine



Capstone Lab Miscellany

(2 of 2)

- Wires, Cables and (Black Grommets)
 - Do not “maniac” them.
 - Do not play with the (black) grommets.
- Keep the lab neat and clean.
 - Lived In, Okay.
 - Messy, Not Okay.
- Respect other teams’ spaces.
- Garbage Containers
 - Empty the small one by the coffee maker into a larger one.
 - Put out in the hall at night.
 - Put back in the lab in the morning.
- Turn the lights out if you’re the last one out.
- Be careful with cabinet drawers; don’t “maniac” them.



Mobile Devices Available

- For Capstone Project Use
- By Team for the Semester
- iOS
 - 3 iPads
 - 1 iTouch
- Android
 - 1 Tablet
 - 1 Phone

Expectations & Workload

- Extremely High For Both
- Your MSU Career Capstone
- Addition to Your Personal Portfolio
- Experience Viewed Like an Internship
- Interview Talking Points
- Leverage Into a Job Offer



Schedules

- Schedules > All-Hands Meeting
- Schedules > Major Milestones
 - 01/22: Status Report Presentations
 - 01/27: Project Plan Presentations
 - 02/17: Alpha Presentations
 - 03/31: Beta Presentations
 - 04/21: Project Videos
 - 04/23: All Deliverables
 - 04/24: Design Day Setup
 - 04/25: Design Day



Meeting Attendance

- Required
 - All-Hands (Class) Meetings
 - Team Triage Meetings
 - 5% of Final Grade
 - Late == Absent
 - Almost No Excuses Accepted
 - One or Two Excused Possible for Interviews
 - Must Provide Information In Advance
(Date, Company, Recruiter Name & Contact Info)
 - Must Attend (No Excuses Accepted)
 - Your Team Presentations
 - All Project Video Viewing
 - Design Day
- Do NOT Schedule Interviews
Do NOT Schedule ANYTHING
Do NOT Buy Plane Tickets



Team Organization

- Up to Each Team
- Organize into Roles
 - Client Contact
 - Program Manager
 - Developer
 - Tester
 - Systems Administrator
 - Etc...
- Everyone Must Make Technical Contributions



Team Dynamics

- Key to Success
- Significant Component of Course Grade
- Address Problems Immediately
 - Within Team
 - With Dr. D. and/or Malcolm
- Be Ready to Discuss During Interviews



Grading

(1 of 3)

• Team (70%)	
▪ Project Plan Document & Presentation	10
▪ Alpha Presentation	10
▪ Beta Presentation	10
▪ Project Video	10
▪ Project Software & Documentation	25
▪ Design Day	<u>05</u>
▪ Total	70
• Individual (30%)	
▪ Technical Contribution	10
▪ Team Contribution	10
▪ Team Evaluation	05
▪ Meeting Attendance	<u>05</u>
▪ Total	30



Grading

(2 of 3)

- Final Grade Sum Of...
 - Individual Total
 - % of Team Total Based on Team Contribution
- Grand Total =
(Individual Total)
+
(Team Total) * (Team Contribution) / 10.0
- *Nota Bene*: Your Team Contribution will have a very significant effect on your final grade.



Grading

(3 of 3)

- We reserve the right to make changes with sufficient notice.
- No special consideration will be given for final grades including but not limited to
 - status in any academic program including CSE,
 - financial aid,
 - rank in the armed forces,
 - job,
 - graduation,
 - mortgage,
 - wedding,
 - visa status,
 - or anything else.



Integrity of Scholarship

- MSU's policies will be enforced.
- Individual and team work must be original.
- Violators...
 - ...will be referred to the appropriate deans.
 - ...may receive a grade of F in the course.



IP & NDA's

- IP: Intellectual Property
 - By Default, Owned by You
 - Client May Request
 - Right to Use
 - Assignment of Ownership
 - Etc.
- NDA: Non-Disclosure Agreement
 - May Be Required by Client
 - You will...
 - ...respect/protect intellectual property.
 - ...respect/protect source code.
 - ...etc.
- Normally Not an Issue
- Always Contact Dr. D. Before Signing Anything



Using Resources

- Ok For “Help”
 - People
 - Past Capstone Teams
 - Other Capstone Teams
 - Faculty Members
 - Articles
 - Sample Code
 - Etc...
- Not Ok For “Entire” Project
- If Unsure, Ask Dr. D. and/or Malcolm



Using Existing Code

- Ok
 - Examples
 - Prototypes
 - Open Source Code
 - Fragments
 - Libraries
 - Utilities
- Not Ok
 - Vast Amounts of Your Project
 - Not Open Source
- Ask Client in Advance
- Document and Report All Existing Code Used
- Be Careful!
- If Unsure, Ask Dr. D. and/or Malcolm



Design Day

- College of Engineering Event
 - Engineering Building
 - Friday, April 25, 2014
- Displays (Booths) of Design Projects
 - CSE Capstone
 - ECE Capstone
 - ME Capstone
 - Etc...
- Presentations and Awards
 - Panel of Judges
 - CSE Team Project Videos



VISA

- Verified Individualized Services and Accommodations
- Let us know immediately.
- We will work with you.



Office Hours

- Any Time...
 - Visit: 3149 EB
 - Call: 353-5573
 - Email: (dyksen@cse.msu.edu)
- Make Appointment

Capstone Overview

✓ Course Logistics

✓ Client Projects

✓ Course Logistics (Continued)

Questions?



What's ahead?

(1 of 4)

- Team Photos
 - Informal: After Meeting Today
 - Formal: After Each Project Plan Presentation
 - Setup
 - Team Machines
 - Dell Server (Ask Malcolm)
 - Apple iMac, MacBook Pro
 - Team Software
 - Microsoft Office
 - ❖ Word and PowerPoint
 - ❖ Microsoft Windows Version
 - Web Server
 - Code Repository
 - SDK's
 - Etc.
- Required.
Get From Malcolm
- 

What's ahead?


(2 of 4)

- All-Hands Meetings
 - M, 01/13: Project Plan, Risks and Prototypes
 - W, 01/15: Schedule and Teamwork
 - M, 01/20: (Martin Luther King Day, No Meeting)
 - W, 01/22: Team Status Report Presentations
 - M, 01/27: Team Project Plan Presentations
 - W, 02/29: Team Project Plan Presentations
 - M, 03/03: Team Project Plan Presentations
 - W, 03/05: Team Project Plan Presentations



What's ahead?

(3 of 4)

- Team Status Report Presentations
 - PowerPoint Template
 - Due Midnight, Tuesday, January 21
 - Eight Days  Panic!
 - Email to Dr. D.
 - Subject: Team <Company Name>: Status Report
Subject: Team Auto-Owners: Status Report
 - Attachment: team-<company-name>-status-report-presentation.ppt
Attachment: team-urban-science-status-report-presentation.ppt
- Dr. D. Will Combine Into Single PowerPoint
 - To Speed Things Up During Meeting
 - Do NOT Modify Master Slide Page
- Each Team Presents
 - Using Dr. D.'s Laptop
 - At Most 5 Minutes (Rehearse Timing)
 - Single or Multiple Presenters (Your Choice)



What's ahead?

(4 of 4)

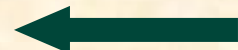
- Project Plan Presentations

- PowerPoint Template

- Download Now
- Read the Read Me Slide (Over and Over and Over...)

- Submission

- Both Project Plan Document and PowerPoint Slide Deck
- Due Midnight, Sunday, January 26
- See Submission Instructions in Template

 Panic!

- Presenting

- 3 Teams Per Meeting Over 4 Meetings
- Schedule Posted Sunday Evening
- Strict 15 Minute Time Limit
- Use Team Member Laptop
 - ❖ Bring Power Cord
 - ❖ Test In Meeting Room (in Advance)

- Rehearse
- 5% of Final Grade
- Business Casual Dress

- Formal Team Photos

- Immediately Following Meeting
- In Capstone Lab

- Schedule Conflicts

- Only for Interview Trips
- Notify Dr. D. Well In Advance



01/22: Team Status Reports

The Capstone Experience

Dr. Wayne Dyksen

Department of Computer Science and Engineering
Michigan State University

Spring 2014



*From Students...
...to Professionals*

Instructions

(Delete this slide before submitting.)

- Required Template
 - Do not edit the master slides.
 - Do not change the organization or number of slides.
 - Make your presentation fit within these four slides.
- Content
 - For the slide titles, replace <Company Name> with your company name as in “Team Auto-Owners”.
 - All presentations will be posted on the course web site so do not include company confidential information or anything that your client would not want posted.
 - Delete this slide from the presentation.
- Presenting
 - The order of the presentations during our meeting will be team numerical order.
 - The time limit for your presentation is 5 minutes, which will be strictly enforced. Practice your presentation to ensure that you will finish within the allotted time.
- Submission by Email
 - All presentations are due via email to me by midnight, Tuesday, January 21.
 - For subject, use “Team <Company Name>: Status Report” as in “Team Urban Science: Status Report”.
 - Attach the PowerPoint source file named “team-<company-name>-status-report-presentation.pptx” as in team-auto-owners-status-report-presentation.pptx.

DELETE THIS SLIDE.



Team <Company Name>

Status Report

(1 of 4)

<Project Title>

- Project Description
 - Description Point 1
 - Description Point 2
 - Description Point 3
 - Description Point 4
- Project Plan Document
 - Status Point 1
 - Status Point 2
 - Status Point 3
 - Status Point 4

Include **STATUS** information.
What's the status of your project plan document?
Have you started it?
How much have you written?
What percentage complete is it?
Delete this text box and the brace to the left.



Team <Company Name>

Status Report

(2 of 4)

<Project Title>

- Server Systems / Software
 - Description &/or Status Point 1
 - Description &/or Status Point 2
 - Description &/or Status Point 3
- Development Systems / Software
 - Description &/or Status Point 1
 - Description &/or Status Point 2
 - Description &/or Status Point 3

Include **STATUS** information.
Are all systems up and running?
Have you tested everything?
**Delete this text box and the
brace to the left.**

Team <Company Name>

Status Report

(3 of 4)

<Project Title>

- Client Contact
 - Status Point 1
 - Status Point 2
- Team Meetings
 - Status Point 1
 - Status Point 2
- Team Organization
 - Description Point 1
 - Description Point 2

Include **STATUS** information.

Have you talked with/met with your client?

Have you scheduled a weekly conference call? When?

Have you schedule an in-person meeting? When?

How many times has your team met so far?

Have you scheduled team meetings? How often?

Delete this text box and the brace to the left.

Team <Company Name>

Status Report

(4 of 4)

<Project Title>

Risks

- Risk 1
 - Description
 - Mitigation
- Risk 2
 - Description
 - Mitigation
- Risk 3
 - Description
 - Mitigation
- Risk 4
 - Description
 - Mitigation

MICHIGAN STATE

U N I V E R S I T Y

01/08: Project Plan

The Capstone Experience

Dr. Wayne Dyksen
Department of Computer Science and Engineering
Michigan State University
Spring 2014



*From Students...
...to Professionals*