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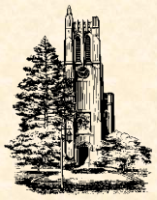
4. Teams: Status Reports



CSE 498, Collaborative Design

Wayne Dyksen

Department of Computer Science and Engineering
Michigan State University

Fall 2008

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Team 1: Auto-Owners Insurance

Team 1 Status Report (1 of 4)

- Client Contact
  - Met with Scott Lake at Auto-Owners Insurance in Lansing
  - Also met with HR representatives who are the primary users of the program
- Team Meetings
  - Held 2 meetings in Capstone lab
  - Set up weekly meetings and triage meetings
- Team Organization
  - Tom Randall is client contact

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Team 1: Auto-Owners Insurance

Team 1 Status Report (2 of 4)

- Server Systems / Software
  - SQL 2005 server up and running by the end of the week
- Development Systems / Software
  - ASP.NET is up and running
- Web Site
  - Web site template is completed
  - Needs to be uploaded on the server
  - http://www.cse498t01s.cse.msu.edu

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Team 1: Auto-Owners Insurance

Team 1 Status Report (3 of 4)

- Project Definition
  - HR Recruiting Calendar Project
  - Automated tracking of events and contacts
  - Web interface with SQL Server Backend
  - Synchronization with Microsoft Outlook
- Technical Specification Document
  - Template put together with place holders
  - In the process of dividing sections for team members

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Team 1: Auto-Owners Insurance

Team 1 Status Report (4 of 4)

- Risks
  - Interfacing with Microsoft Outlook
    - Program must have synchronization with Microsoft Exchange/Outlook
    - Client contact has existing program that can be used as an example
  - Learning ASP.NET development environment
    - Develop understanding of how to implement
    - On-line tutorials and videos
  - Creating GUI for HR employees
    - Since they are users of application, they need to be satisfied
    - Before coding, create mock-up GUI to show at next client meeting

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Team 2 Status Report (1 of 4)

- Client Contact
  - First contact Thursday Aug. 28
  - Weekly Conference Calls
- Team Meetings
  - Weekly after conference call
  - Other scheduled as needed
- Team Organization
  - Project Manager - Tom
  - Release Engineer – Mike
  - Web Admin – Dan
  - Client Contact/Sys Admin - Jeff

Team 2: Boeing

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Team 2 Status Report (2 of 4)

- Server Systems / Software
  - Windows 2003 Server / IIS
  - Using 3rd party version/bug/wiki control (assembla)
- Development Systems / Software
  - One PC, Dual boot, XP/Ubuntu
- Web Site
  - Running Frontpage on IIS
  - Pages being updated currently

Team 2: Boeing

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Team 2 Status Report (3 of 4)

- Project Definition
  - Urban Scene Builder
  - 2 Modules – Footprint Creator/Model Creator
  - Interfacing with other Boeing Products
- Technical Specification Document
  - Elements have been assigned
  - Document is being tracked by subversion
  - Technical drawings forthcoming to be followed by UML

Team 2: Boeing

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Team 2 Status Report (4 of 4)

- Risks
  - Risk 1
    - Google EULA problems
    - Posting on the WWW
  - Risk 2
    - Matching templates with building types with buildings
    - Clearly documenting and defining how the user should interact
  - Risk 3
    - Large Texture Sets
    - Using as many free texture libs as possible
  - Risk 4
    - Third Party zip library – mitigation is research

Team 2: Boeing

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Team 3 Status Report (1 of 4)

- Client Contact
  - 8/29 General Requirements / confirmation
  - 9/2 Technical Questions with tech guy
  - 9/5 SameTime meeting to view demo of current system (cancelled by client)
- Team Meetings
  - 8/29 Discussed initial questions / issues
  - 9/2 Asked technical questions
  - 9/5 Tech doc organization / environment setup
- Team Organization
  - Client contact: Taylor

Team 3: Chrysler

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Team 3 Status Report (2 of 4)

- Server Systems / Software
  - Server up and running Tomcat
  - SVN Hosted on Assembla
- Development Systems / Software
  - Assembla registered (bugs / milestones / tickets)
  - Eclipse / Java 2 EE with MySQL
- Web Site
  - Website up and running

Team 3: Chrysler

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Team 3 Status Report (3 of 4)

- Project Definition
  - Web frontend for Performance Feedback System, an assembly line quality metrics system
  - Employees will view graphics and charts to visually manage factory effectiveness
  - Employees can configure personalized pages which display a custom arrangement of reports
- Technical Specification Document
  - Structure set up
  - Working on functional specs

Team 3: Chrysler

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Team 3 Status Report (4 of 4)

- Risks
  - Database Integration
    - Not sure how client data is structured
    - Not sure how to get good test data
    - Contacted client requesting access and information on database structure
  - Load
    - 1500 people use this system, 100 concurrent users
    - Will have to set up automated load testing to ensure that the system can handle these volumes
  - Number of modules on site
    - Not sure which ones are needed or how many metrics
    - Contacted client with request for list of necessary modules.

Team 3: Chrysler

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Team 4 Status Report (1 of 4)

- **Client Contact**
  - Conference Calls
    - August 29, 2008
    - September 2, 2008
  - Weekly Conference Calls Scheduled for Tuesdays @ 3:00 pm
  - Face-to-Face meeting
    - September 5, 2008
- **Team Meetings**
  - August 27, 2008
  - September 3, 2008
  - September 5, 2008
- **Team Organization**
  - Determined Team Contact Person
  - Determined Project Leader
  - Grouped Tasks by Specialization/Interests
    - Database
    - 2 Websites
    - Networking
    - Sensor Data Collection

Team 4: Ford

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Team 4 Status Report (2 of 4)

- Server Systems / Software
  - Windows Server 2003, Windows XP
  - Apache, MySQL
  - .NET Framework, .NET Micro Framework
  - C#, PHP, AJAX, Silverlight
- Development Systems / Software
  - Visual Studio 2005 SP1
  - Subversion Client Installed for Version Control
- Web Site
  - Basic Information Uploaded
  - Detailed Information & Regular Updates Needed

Team 4: Ford

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Team 4 Status Report (3 of 4)

- Project Definition
  - Using sensors to collect data during test drives
  - Sensors create a wireless mesh network to share data and locate cars on lot
  - Data is stored and analyzed for use by dealers
  - Can provide information on popular test vehicles, how vehicles are being driven, & security systems.
- Technical Specification Document
  - Basic format created
  - Information regarding networking, sensors, & database

Team 4: Ford

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Team 4 Status Report (4 of 4)

- Risks
  - **Risk 1: Obtaining data from the Sensors**
    - Priority: Extremely High
    - Difficulty: Medium
    - Mitigation: Information is provided by sensor distributors.
  - **Risk 2 : Being able to accurately locate sensors.**
    - Priority: Low/Medium,
    - Difficulty: High
    - Mitigation: Research into previous attempts at locating mobile sensors
  - **Risk 3 : Providing useful analysis of received data**
    - Priority: High
    - Difficulty: Medium
    - Mitigation: Contact with client and local Ford dealerships to determine what useful analytics would be.

Team 4: Ford

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Team 5 Status Report (1 of 4)

- Client Contact
  - First Conference call August 29th at 2 P.M.
  - Established weekly Monday meetings at 5 P.M.
- Team Meetings
  - Met four times already.
  - Setup weekly schedule.
- Team Organization
  - Michael is client contact.
  - Richard is project manager.
  - Tom and Andrew are programmers.

Team 5: Team IBM

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Team 5 Status Report (2 of 4)

- Server Systems / Software
  - Server up with Windows Server 2003.
  - Currently using IIS for server related roles.
- Development Systems / Software
  - Eclipse, RAD, RSA.
  - The Eclipse SWT experience.
- Web Site
  - Up and running using IIS.
  - Updated with current information.

Team 5: Team IBM

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Team 5 Status Report (3 of 4)

- Project Definition
  - Fixpack publishing tool based on SWT.
  - Extract metadata from Fixpacks for publishing.
  - Performs bulk publishing of IBM fixpacks.
  - HTTP based methodology for dynamic updating.
- Technical Specification Document
  - Got information from initial proposal from IBM.
  - Created a cover page.
  - Wrote up a table of contents.
  - Distributed task of writing between members.

Team 5: Team IBM

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Team 5 Status Report (4 of 4)

- Risks
  - Learning RAD/RSA
    - No one has experience with these IDEs.
    - Use experience with Eclipse and other IDEs.
  - Creating Eclipse Plug-ins
    - Must build Eclipse tools from scratch.
    - Using on-line walkthroughs and guides.
  - XML Parsing
    - XML is varying, must be able to run regardless of order.
    - Creating a metadata standard for conformity.
  - Interfacing With FixPack Central
    - Need to know how to publish to their distribution site.
    - Through contacts and trial and error.

Team 5: Team IBM

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Team 6 Status Report (1 of 4)

- Client Contact
  - Had conference call to establish initial contact.
  - Microsoft has sent us NDA's to sign, as we will be dealing with Project Oslo.
- Team Meetings
  - Scheduled weekly meetings: 3pm on Tuesdays
  - Triage Meetings with Ken: 2:30pm on Mondays
- Team Organization
  - Tom: Project Manager, System Admin, Developer
  - Andrew: Client Contact, Developer
  - Mathew: Webmaster, Developer
  - Bruno: Developer, Tester
  - Chris: Developer, Tester

Team 6: Microsoft

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Team 6 Status Report (2 of 4)

- Server Systems / Software
  - Windows Server 2003 installed.
  - SQL Server Express 2008
  - SharePoint Services 3.0
  - .NET Framework 3.5
  - Silverlight
- Development Systems / Software
  - Windows XP installed & updated
  - Visual Studio 2008 installed w/extensions
- Web Site
  - Developed using Frontpage template
  - Online via Windows IIS Server

Team 6: Microsoft

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Team 6 Status Report (3 of 4)

- Project Definition
  - Health monitoring application for existing applications and or projects built using Windows Workflow Foundation.
  - Our portion will be integrated into Microsoft's existing environment
  - Project tailored toward MS IT Operators
  - Basic description given during initial client contact
- Technical Specification Document
  - Built template using existing examples
  - Divided up portions of document
  - Used basic project description and information from initial client contact
  - Will be completed on time

Team 6: Microsoft

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Team 6 Status Report (4 of 4)

- Risks
  - **Unknown and ambiguous technology**
    - No one in the group has ever worked with (or even heard of) Windows Workflow Foundation and Windows Communication Foundation.
    - Assign members for research, work through examples, and help each other understand the technology.
  - **How do you define "health" (metrics)?**
    - Project requirement requires us to implement UI in which users enter metric. What sort of metric is it? How do we determine if project is "healthy"?
    - Look through examples, gather test data, and ask Microsoft clients.
  - **No Test Data**
    - We do not have any test data to help us with implementation
    - Request test data from Microsoft

Team 6: Microsoft

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Team 7 Status Report (1 of 4)

- Client Contact
  - Met August 28 at TechSmith
  - Friday bi-monthly meetings
- Team Meetings
  - Tuesday and Thursday meetings at 8:00 p.m.
  - Agendas and Meeting Notes on Website
- Team Organization
  - System Administration – Keith
  - PM and Client Contact - Derek
  - Web Master - Scott
  - Document Template / Highlights - Caitlin

Team 7: TechSmith

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Team 7 Status Report (2 of 4)

- Server Systems / Software
  - Server and Client machine configured
  - Source Control - SVN
- Development Systems / Software
  - EC2 configuration - this week
  - Languages ???
- Web Site
  - Live with updated information
  - http://cse498t07s.cse.msu.edu

Team 7: TechSmith

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Team 7 Status Report (3 of 4)

- Project Definition
  - Media search term recognition service
    - Upload service
    - EC2 – Splitting and OCR
    - Return DOM
  - Website
    - Search entire site along with individual videos
    - Jump to specific frame where term appears
- Technical Specification Document
  - First Version Complete
  - Sent to Mike and Randy
  - Version 2 – 9/10/08
  - Complete – 9/12/08

Team 7: TechSmith

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Team 7 Status Report (4 of 4)

- Risks
  - Performance
    - Processing a videos text may take a long amount of time
    - Developing parallel strategy
  - OCR
    - No experience and no idea how well it will work.
    - First task
  - Language and Library interoperability
    - Multiple libraries and languages will interact
    - Modular design
  - Flash / Silverlight
    - Client side web code needed for custom player
    - Research

Team 7: TechSmith

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Team 08 Status Report (1 of 4)

- Client Contact
  - Initial conference call with Nathan Fujimoto (contact) and Jason Hill (inventor of Turf Guard)
- Team Meetings
  - Triage meeting (Wed. 2:30pm)
  - Weekly conference call (Thur. 5:30pm)
- Team Organization
  - Brian Walsh: Point of contact.
  - Brett Lesnau: Spec. document manager.
  - Eric Jensen: Network / systems manager.
  - Jake Denzer: Hardware guru.

Team 08: Toro

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Team 08 Status Report (2 of 4)

- Server Systems / Software
  - Windows 2003, IIS
  - Assembla hosts our SVN server
- Development Systems / Software
  - Visual Studio 2008 Team System
  - Dundas Data Visualization for charts / graphs
- Web Site
  - IIS running
  - Basic information added
  - http://cse498t08s.cse.msu.edu

Team 08: Toro

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Team 08 Status Report (3 of 4)

- Project Definition
  - Higher performance desktop interface
  - Build upon the functionality of the GolfVision web interface
  - Ability to connect to multiple data sources
  - Customizable alerts
- Technical Specification Document
  - The desktop interface collects information from a server which is updated by sensors and relays
  - High performance caching(past data doesn't change)
  - Use Dundas charts for presenting data

Team 08: Toro

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Team 08 Status Report (4 of 4)

- Risks
  - Sensor Knowledge
    - We have no idea how the sensors work yet
    - Communicate with contact
  - Chart Presentation
    - We need an intuitive method of displaying data
    - GUI mockups
  - Server Plug-in DLL Interface
    - We must follow a plug-in interface in our data aggregation DLL which we don't have the specs of yet.
    - Communication with contact

Team 08: Toro

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