



4. Teams: Status Reports

CSE 498, Collaborative Design



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Team 1 Status Report (1 of 4)

Team 1: Auto-Owners Insurance

- Auto Owners Insurance
 - Met with Tim/Doug on Sept 4th
 - Next meeting set up for Sept 11th
 - Discussed Project Specs, Got a Tour!
- Team Meetings
 - Have Met Multiple Times
 - Set up IIS/Server/Skeleton of Tech Spec
- Team Organization
 - Tony-Client Contact, Joe-Group Website Admin
 - Chad-Technical Writer, Chung-Hua-Graphics Design

4.2

Team 1 Status Report (2 of 4)

Team 1: Auto-Owners Insurance

- Server Systems / Software
 - Win 2003/ IIS / Office / **Frontpage®**
 - Development Systems / Software
 - Visual Studio 2005, Office, Firefox
 - .NET 2.0 Runtime, Win Xp
- Web Site
 - <http://35.9.22.100/index.htm>
 - This template ROCKS! Best Ever.

4.3

Team 1 Status Report (3 of 4)

Team 1: Auto-Owners Insurance

- Project Definition
 - Vendor Management System
 - C#/.NET & SQL 2005 technologies
 - Business Impact: Potential to save Millions
 - Elite clientel: Vice President of IT Systems
- Technical Specification Document
 - Reviewed Previous Versions
 - Created a rough outline
 - Finished Executive Summery
 - Database design closeout

4.4

Team 1 Status Report (4 of 4)

Team 1: Auto-Owners Insurance

- Risks
 - Don't Know C#
 - 1 group member-No winform knowledge, 3 group members- Little knowledge of all C#
 - Learn C#
 - Migration Concerns
 - When moving to new enviroments, setup must be controlled and corrected to ensure stable install
 - Through documentation
 - Multiple Segmented Projects
 - Nightly Cron, C# desktop app, Image storage
 - Organization, Communication and correct scoping

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Team 2 Status Report (1 of 4)

Team 2: Ford Motor Company

- Client Contact
 - Initial Contact
 - Follow-up Face to Face Meeting
- Team Meetings
 - Met several times to prepare for initial client meeting
 - Synchronized calendars and created recurring meeting time
- Team Organization
 - Jon (Client Contact / Business Side)
 - George, Shawn, Chris (Technical Research / Analysts)

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Team 2 Status Report (2 of 4)

Team 2: Ford Motor Company

- Server Systems / Software
 - Set-up Server / Workstations
 - Determining Process Model
- Development Systems / Software
 - Investigating Various Map APIs
 - Examining Web-based languages and their pros / cons
- Web Site
 - Determined Responsible Team Member (Shawn)
 - Update in Progress

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Team 2 Status Report (3 of 4)

Team 2: Ford Motor Company

- Project Definition
 - Examined and critically analyzed the 5 business case solutions presented by Ford
 - Researched additional business cases
 - Risk and Scope Determination for each case
 - Presented findings to Ford for feedback
- Technical Specification Document
 - Prioritized business cases based on initial meeting
 - Refined architecture requirements
 - Determined optional business case solutions
 - “Shared-vision” with Ford

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Team 2 Status Report (4 of 4)

Team 2: Ford Motor Company

- Risks
 - Unfamiliar with map APIs
 - None of us have experience with Google Maps API or live earth
 - One team member focusing exclusively on researching
 - Highly Varied Skill Set
 - Team members have very different backgrounds (business, web, technical)
 - Assigning based on skills and assisting each other in “unfamiliar” areas
 - Application Value to Ford
 - Very vague project description
 - Researched and analyzed many business use cases
 - Scope/Feature Creep
 - Many potential uses of in-vehicle internet connection
 - Clearly defining system features, business use in Tech Specs

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Team 3 Status Report (1 of 4)

Team 3: IBM

- Client Contact
 - Received project overview, list of deliverables, and functional specifications.
 - Planned meeting with IBM today or tomorrow to discuss questions.
 - Submitted non-disclosure this morning.
- Team Meetings
 - We will meet on Tuesdays at 3:20 with our educational sponsors.
 - Following that meeting we will have our own on a weekly basis and as needed.
 - We have met to discuss questions that we have for our teach contact and ownership of project components as well as assessed risk for the requirements we have thus far.
- Team Organization to Date
 - Josh is the owner of the requirements gathering process.
 - Mark is the owner of status reports.
 - Ian is the owner of our project document and is our primary client contact.

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Team 3 Status Report (2 of 4)

Team 3: IBM

- Server Systems / Software
 - Using Windows 2003 for a web server, but we use an external server for SVN source control and project wiki.
- Development Systems / Software
 - Development systems are set up for coding, but no test level systems have been established.
 - Testing systems will be allocated to us by the IBM Rochester Benchmark Center.
- Web Site
 - Not yet fully operational. It is a work in progress. Internally we use a wiki as our unofficial form of documentation with our project document as our official documentation.

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Team 3 Status Report (3 of 4)

Team 3: IBM

- Project Definition
 - POWER6 processors donate cycles to the shared processor pool only when a processor's threads are all idle.
 - When the utilization of a processor falls below a certain threshold, we want to fold the active tasks onto another processor so we can take the original and do a dedicated donation to another task.
 - We need tools to be able to turn this functionality on or off as well as monitor the statistics.
- Technical Specification Document
 - In progress. We have taken their overview and functional specs and have listed out requirements that we can include in the tech specs.
 - We have been creating questions that we can ask them to clarify sections of the document they sent us.
 - We are studying the Linux Kernel's scheduling procedure so we are ready when we get to the design phase.

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S Team 3 Status Report (4 of 4)

- Risks
 - Linux Kernel Knowledge
 - No one on the team has ever modified the Linux Kernel. Learning how to do this successfully will be a challenge
 - We have started looking at books on how Linux scheduling works and this should give us an idea of where the code exists.
 - Getting environments and code from IBM
 - IBM has such a large bureaucracy that getting the tools we need to complete this project without being onsite will be difficult.
 - Program Interactions with the Kernel
 - Figuring out how to get the statistics for processor utilization and enabling/disabling folding from the command line and boot menus will be tricky.

Team 3: IBM

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S Team 4 Status Report (1 of 5)

- Client Contact
 - Weekly conference calls have been scheduled
 - Access to Motorola wiki granted
- Team Meetings
 - Bi-weekly meetings set up
 - Triages also set up
- Team Organization
 - Strengths and technical skills have been evaluated, but no set team positions have been assigned yet

Team 4: Motorola

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S Team 4 Status Report (2 of 5)

- Server Systems / Software
 - Apache server installed
 - Access to Motorola's Compass site established
- Development Systems / Software
 - Tibco GI, Eclipse, Subclipse software installed on all development machines.
- Web Site
 - Website template is in place

Team 4: Motorola

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S Team 4 Status Report (3 of 5)

- Project Definition
 - Agent framework for managing network entities, from servers to individual ports on a switch
 - Clients can send commands to and receive events from any number of entities
 - Creating an AJAX based management console that can interact with components generated by the Agent Framework
 - The management console will communicate with agents and repositories to manage the lifecycle of sensors, effectors and repositories

Team 4: Motorola

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S Team 4 Status Report (4 of 5)

- Technical Specification
 - Management console written using an AJAX toolkit
 - SOAP-HTTP interface created for repositories to allow for lifecycle management of repositories
 - Manage agents/repositories using the agent's/repository's lifecycle management interface
 - Add sensors, effectors and protocol adapters
 - Query agents and repositories to learn what sensors, effectors and protocol adapters exist
 - Agent Framework extended to allow for rapid development of formal repositories

Team 4: Motorola

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S Team 4 Status Report (5 of 5)

- Risks
 - Tibco GI for AJAX Development
 - No team members have used the toolkit
 - Documentation and tutorials
 - Learn the Agent Framework
 - No team members have knowledge of Agent Framework
 - Documentation and Videos from previous semester
 - Try to contact previous team members
 - Kabe has been out of town
 - Kabe went on vacation on day 1
 - Email, calling him anyway, etc

Team 4: Motorola

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S Team 5 Status Report (1 of 4)

- Client Contact
 - Made Contact via Email Aug. 30
 - Met client at Sircon to discuss exact needs
- Team Meetings
 - We've met three times, basic development ideas
 - Weekly triage meetings are scheduled
- Team Organization
 - At this point we have two major concepts
 - Reading, writing, and parsing XML
 - Understanding, using, and coding GUI's in Java
 - Team is divided into two pairs to begin

Team 5: Sircon

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S Team 5 Status Report (2 of 4)

- Server Systems / Software
 - Windows 2003 Server
 - SVN is running on server and two desktops
- Development Systems / Software
 - Java, NetBeans, XMLBeans for development
 - SVN installed and running for version control
- Web Site
 - Up and running. Just a template shell of our project. Many more updates to come.

Team 5: Sircon

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S Team 5 Status Report (3 of 4)

- Project Definition
 - Develop Dynamic Interview Configuration Tool
 - Parse and write to XML files that are used to create dynamic interview forms
 - Create GUI to drag and drop form elements which will represent the XML being written
- Technical Specification Document
 - We have an established Outline
 - Have not yet started the document
 - Functional Spec is complete, waiting on sign off
 - Working on our design

Team 5: Sircon

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S Team 5 Status Report (4 of 4)

- Risks
 - Java What?!
 - We are all amateurs
 - Read up.
 - Swing Who?
 - Java GUI Framework
 - Assign team members to focus on Java awt/swing.
 - XML
 - Simplistically deceiving
 - Study given XML docs, Schemas, Etc. Ask Questions

Team 5: Sircon

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S Team 6 Status Report (1 of 4)

- Client Contact
 - Met Tony and Randy, Aug 31st at TechSmith
- Team Meetings
 - Tuesdays 3:00pm – Development Meeting
 - Started Technical Spec
 - Created Player Mockups
 - Prioritized Features

Team 6: TechSmith

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S Team 6 Status Report (2 of 4)

- Server Systems / Software
 - Windows Server 2003
 - MSSQL 2005
- Development Systems / Software
 - Microsoft Visual Studio 2008 (Beta)
 - Microsoft Silverlight v1.1 (Beta) / WPF / C#
 - TechSmith Screen Recorder SDK
 - Microsoft Windows Media Format SDK
- Web Site
 - <http://cse498t06s.cse.msu.edu>

Team 6: TechSmith

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S Team 6 Status Report (3 of 4) →

Team 6: TechSmith

- Project Definition
 - Desktop Screen Recorder
 - Automatic Video Encode and Upload
 - Video Sharing Website
 - Silverlight Player with "Deep Tagging"
 - Navigation controls integrated with tags
- Technical Specification Document
 - Product overviews sent to client

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S Team 6 Status Report (4 of 4) →

Team 6: TechSmith

- Risks
 - Silverlight
 - Most members unfamiliar with Silverlight
 - Brandon creating demo applications
 - TechSmith SDK
 - No one has used the SDK or made a screen recorder
 - Group experimentation and overview of documentation
 - Feature Creep
 - Project lends itself to becoming large and breaking past milestones
 - Nail down all features in the spec and stay focused only on those features.

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