



4. Teams: Progress Reports

CSE 498, Collaborative Design

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Team 1: Auto-Owners Insurance

Team 1 Status Report (1 of 4)

- Auto-Owners Insurance
 - Made initial client contact
 - Preliminary client meeting went well.
- Team Meetings
 - Have had two meetings currently
 - Tentatively scheduled for wed @ 1pm.
- Team Organization
 - Client Contact & Barcode Scanners: Tim Schaner
 - Front End User Environment: Michelle Roggenbeck
 - Database Back-End: John Dittmer

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Team 1: Auto-Owners Insurance

Team 1 Status Report (2 of 4)

- Server Systems / Software
 - Running Windows Server 2003
- Development Systems / Software
 - NetBeans and/or Eclipse for Java development Environment
 - MS Enterprise for SQL database development
- Web Site
 - Have not established website (9/10/06)

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Team 1: Auto-Owners Insurance

Team 1 Status Report (3 of 4)

- Project Definition
 - Create online searchable catalog of library materials
 - Barcode Scanning software required for data entry
 - Java/SQL hybrid program!
- Technical Specification Document
 - Have preliminary design specifications from client
 - Second meeting has been conducted to determine more exact specs.

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Team 1: Auto-Owners Insurance

Team 1 Status Report (4 of 4)

- Risks
 - Bar Code Scanner
 - Client knows nothing about scanners and neither do we (as of yet)
 - Mitigation: Research! Preliminary research done.
 - Don't know Java
 - We don't know java
 - Mitigation: Learn java
 - Access to SQL conversion
 - Client currently uses Access to store material information
 - Mitigation: Figure out conversion: find tool to do this or write own

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Team 2: Boeing

Team 2 Status Report (1 of 4)

- Client Contact
 - Conference Friday at 9:30 am
 - Jayson Vincent (Primary Contact)
 - Lanya da Silva
 - Kim Monteith
- Team Meetings
 - Wednesday 9:30am – Triage
 - Friday 9:30 Conference Call with Boeing
- Team Organization
 - Alan Antonuk - Client Contact
 - Website Maintenance - Eric Vogel

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S Team 2 Status Report (2 of 4) →

Team 2: Boeing

- Server Systems / Software
 - 2x Windows 2003
 - Srv1 – Apaches Web server/Subversion server
 - Srv2 – Domain Controller & Backup server
- Development Systems / Software
 - 2x Windows XP development machines
 - Platform: Visual Studio .Net 2005/DirectX/C#
- Web Site
 - Up and running
 - Basic information has been updated
 - <http://cse498t02s.cse.msu.edu/>

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S Team 2 Status Report (3 of 4) →

Team 2: Boeing

- Project Definition
 - Design and Implement a flight simulation viewer
 - Must display accurate terrain data for MI, IL, & MO
 - Must display multiple simultaneous simulations from a network using DIS over TCP/IP protocol
 - Must develop several models (airplanes, tanks and people)
- Technical Specification Document
 - Functional spec as above
 - Main focus for this week.

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S Team 2 Status Report (4 of 4) →

Team 2: Boeing

- Risks
 - Obtaining Accurate Terrain Information
 - Availability? Cost? In useful format? – Starting this early!
 - Network Programming – Starting this early
 - Using TCP/IP from within C#
 - Using DIS protocol on top of TCP/IP
 - Making it performant enough for real-time visualization
 - Graphics Programming
 - Using DirectX – none of us have programmed this – Alan/Chris have experience with OpenGL – which is very similar
 - Modeling – Eric has experience in this
 - Graphics cards in lab workstations may not be performant enough – use Simpson lab machines or ask for new Gfx card
 - Possible to sink too much time into this (to make it look pretty)
 - Using C#
 - We're CSE students with 4 years experience with C++, C# is very similar to C++

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S Team 3 Status Report (1 of 4) →

Team 3: Ford

- Client Contact
 - Weekly Friday 10:30 meetings with Adam Haas & Matt Whitaker
 - Face to face 9/15 @3:30
- Team Meetings
 - Tuesday evening from 5:30 – 10:00
 - Triage on Friday 11:30
- Team Organization
 - Project manager Randee Bierlein
 - Using Trac project management software
 - System Administrator Tony Homrich

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S Team 3 Status Report (2 of 4) →

Team 3: Ford

- Server Systems / Software
 - Debian Linux
 - Apache
- Development Systems / Software
 - Python
 - Ruby
 - Rails
- Web Site
 - <http://cse498t03s.cse.msu.edu/trac/>

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S Team 3 Status Report (3 of 4) →

Team 3: Ford

- Project Definition
 - harvest information available through public-generated forums
 - Using forums and blogs
 - Executive Summary style reports
- Technical Specification Document
 - Templates obtained from Ford
 - Identified major components of the system
 - will continue brainstorming in tomorrow's group meeting
 - will start writing on Wednesday

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S Team 3 Status Report (4 of 4)

- Risks
 - Risk 1
 - No knowledge of webcrawlers and their output
 - Try a few and see what we get
 - Risk 2
 - Making a PC understanding human opinion
 - Doing research into machine learning
 - Risk 3
 - Using relatively small list of blogs
 - Will this be enough data, won't know till we see it.
 - Risk 4
 - Automating creation of presentable reports
 - Haven't reached that far in the project

Team 3: Ford

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S Team 4 Status Report (1 of 4)

- Client Contact
 - Greg Nordstrom and Tracy Bashore
 - Initial Contact made, Conference Call(s), Email and Instant Messenger Communication
- Team Meetings
 - Regular Meetings On Thursdays and Fridays
 - Also in Communication via Other Channels
- Team Organization
 - Matt Geimer: Project Manager, Main Contact Point
 - Andy Kreling: Compiler Specialist
 - Alec Warner: Webmaster, Systems Admin

Team 4: Team IBM

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S Team 4 Status Report (2 of 4)

- Server Systems / Software
 - 2 Servers Up and Running, Linux (Gentoo)
 - Fully automated backups, Version Control (Subversion), Simics
- Development Systems / Software
 - 2 Workstations Up and Running, Linux (Gentoo)
 - Fully automated backups, etc
- Web Site
 - Up and Running, Apache 2 and Drupal
 - DotProject for Project Management

Team 4: Team IBM

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S Team 4 Status Report (3 of 4)

- Project Definition
 - Automated Code Generation
 - Take Device Modeling Language (DML) and Generate C++ Files
 - C++ Files Act as Firmware in SIMICS Hardware Environment
 - Needs to be Highly Configurable, Ability to Merge Old Changes with New Models
- Technical Specification Document
 - Started, Not done
 - Current Meetings Focusing on Document
 - Communicating with IBM to Obtain Needed Information

Team 4: Team IBM

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S Team 4 Status Report (4 of 4)

- Risks
 - Code Generation
 - Unaware of what C++ Code IBM wants from the DML
 - Requested Small Sample, More Communication w/ IBM
 - Parser Tools
 - Unsure if use of Parser Tools will be Allowed
 - Wrote Proposal, Sent
 - Output Combining
 - Combination of Modified Output / Regenerated Output
 - Diff and Patch, more Research Needed
 - Customization Syntax
 - Need to Determine Syntax to Customize Output
 - Brainstorming / Communication

Team 4: Team IBM

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S Team 5 Status Report (1 of 4)

- Client Contact
 - Kabe VanderBaan
- Team Meetings
 - Three phone conversations.
 - Multiple NetMeeting discussions/demos.
- Team Organization
 - Team roles have not specifically been defined.

Team 5: Motorola

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S Team 5 Status Report (2 of 4)

- Server Systems / Software
 - Both setup: 1 Windows, 1 Linux
 - Currently not planned to be used for project.
- Development Systems / Software
 - Completed setup and system installs.
 - Added extra software needed for our project.
- Web Site
 - Designed, uploaded to web server.
 - Currently having small issue with web server setup.

Team 5: Motorola

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S Team 5 Status Report (3 of 4)

- Project Definition
 - Build a framework for representing **UML-like** models graphically.
 - Develop using Java, Eclipse, GEF, and custom Motorola libraries.
 - Focus on Framework, but also create an editor.
- Technical Specification Document
 - Kabe asked for an outline by Friday of last week.
 - Outline was completed and discussed.
 - Continuing to refine outline, and beginning details.

Team 5: Motorola

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S Team 5 Status Report (4 of 4)

- Risks
 - Risk 1
 - Overhead time needed for proper design phase.
 - Prototype early, and identify flaws before final implementation.
 - Risk 2
 - Understanding the Graphical Editing Framework, etc.
 - Quickly read up on documentation.
 - Risk 3
 - Understanding how to create model within Framework from XML model.
 - Figure out how Motorola's software works and how to build the model within the Framework.

Team 5: Motorola

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S Team 6 Status Report (1 of 4)

- Client Contact
 - Contacted TechSmith by phone August 31st
 - Met with TechSmith on Friday September 8th
- Team Meetings
 - Initial Team Meeting August 30th for introductions
 - Subsequent meetings to assign tasks
- Team Organization
 - Rob McCurdy selected as Team Contact
 - Shared roles for Project Mgmt, Testing, and Development.

Team 6: TechSmith

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S Team 6 Status Report (2 of 4)

- Server Systems / Software
 - OS installed and running
 - Trac and Subversion installed on Server and running
- Development Systems / Software
 - Visual Studio .Net 2005
 - TechSmith Screen Recorder SDK
- Web Site
 - <http://www.msu.edu/~isogairy/>

Team 6: TechSmith

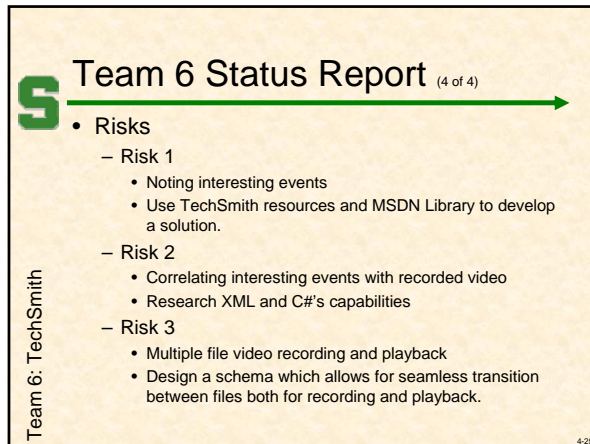
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S Team 6 Status Report (3 of 4)

- Project Definition
 - Constantly record the activity on a PC
 - Note interesting events that occur
 - Recording utility, playback utility, and export utility
- Technical Specification Document
 - Functional Specifications written
 - Informal discussion of data objects and structures

Team 6: TechSmith

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The slide features a large green letter 'S' on the left side. A green arrow points from the 'S' towards the right, passing behind the title. The title is 'Team 6 Status Report (4 of 4)'. Below the title is a bulleted list of risks. On the far left, the text 'Team 6: TechSmith' is written vertically. In the bottom right corner of the slide, there is a small number '4-25'.

S Team 6 Status Report (4 of 4)

- Risks
 - Risk 1
 - Noting interesting events
 - Use TechSmith resources and MSDN Library to develop a solution.
 - Risk 2
 - Correlating interesting events with recorded video
 - Research XML and C#'s capabilities
 - Risk 3
 - Multiple file video recording and playback
 - Design a schema which allows for seamless transition between files both for recording and playback.

Team 6: TechSmith

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