


5. Team Status Reports

CSE 498, Collaborative Design



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Team 1: Auraria Networks

Team 01 Status Report (1 of 3)

- Client Contact
 - Steve Akers, Auraria Networks
 - Conference call weekly 2:00 pm, Fridays
- Team Meetings
 - Thursday morning 1230am, CSE 498 Lab
 - Friday 2:00pm
 - Saturday 1:00pm, CSE 498 Lab
- Team Organization
 - Ankit – Linux, Protocol research
 - Brandon – Research on RTP and SDP
 - Dennis – Company Liaison, Linux Server Administrator
 - Mike – Research on SIP
 - Steve – Architecture Document Manager
 - TaeJong – SIP Security

Team 1: Auraria Networks

Team 01 Status Report (2 of 3)

- Server Systems / Software
 - Linux installed on both machines
 - Soon to install and test MySQL
 - Working on build and customization of siproxd (<http://siproxd.sourceforge.net>)
 - Installed and experimented with linphone (<http://www.linphone.org>)
- Development Systems / Software
 - Linux based development systems / software
- Web Site
 - Template complete, currently hosted at <http://beast.cse.msu.edu>
 - Soon to be hosted at <http://cse498t01s.cse.msu.edu>

Team 1: Auraria Networks

Team 01 Status Report (3 of 3)

- Project Definition
 - Our project deals with the construction of a Session Initiation Protocol (SIP) Proxy, a voicemail system file server and a centralized location server. An interesting aspect of this project is that it must accommodate both private and public IP addresses for its client users. The main goal of our project is to successfully send calls from one "soft phone" to another through a SIP gateway, with the option of voicemail services for those users behind a SIP Proxy. Authentication and encryption is also very important and there will be a strong attempt at integration of security into every aspect of the system.
- Architecture Document
 - Outline completed, working on filling in detail.
- Focus So Far
 - Research technologies new to group members to create foundation of knowledge to build upon.
 - Completion of design document.
- Next Step
 - Development of solution should begin soon after completion of design document.
- Risks
 - Integration between existing unaltered software, modified open-source software and completely custom software.
 - Developing a solution with technologies that are completely new to all members of the group.

Team 2: Auto-Owners Insurance

Team 2 Status Report (1 of 3)

- Client Contact
 - Phone Meetings – Thursdays at 3:00pm
 - Site Meetings – Every third Thursday at 3:00pm
 - Initial Visit Jan 13th
- Team Meetings
 - Sunday, Monday, Wednesday
- Team Organization
 - Scott – Contact Person
 - Adam – Project Manager
 - Kevin – Database Administrator
 - Everyone develops, tests, innovates.

Team 2: Auto-Owners Insurance

Team 2 Status Report (2 of 3)

- Server Systems / Software
 - Windows 2003 Server installed
 - SQL Server 2000 installed and running
- Development Systems / Software
 - Windows XP Professional installed
 - Microsoft Visual Studio .NET installed
 - C# will be the development language – installed via Visual Studio
- Web Site
 - IIS installed and configured
 - Website running at <http://cse498t02s.cse.msu.edu/>

S Team 2 Status Report (3 of 3) →

Team 2: Auto-Owners Insurance

- Project Definition
 - Project Tracking System Re-architect
 - Time tracking, log off modification
- Architecture Document
 - Individual parts complete, integrating
 - Database Diagram – near completion
- Risks
 - Whether to use or not use previous code?
 - Database connection knowledge?
 - Group knowledge of C#

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S Team 3 Status Report (1 of 3) →

Team 3: Boeing

- Client Contact: Don Akers
 - Had one teleconference Jan 17th
 - Have had two phone calls and multiple emails
- Team Meetings
 - Have had 5 group meetings so far
 - Now meet Mondays after class and extra
- Team Organization
 - Team liaison and webmaster selected
 - Others forthcoming with more info

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S Team 3 Status Report (2 of 3) →

Team 3: Boeing

- Server Systems / Software
 - SuSE GNU/Linux
 - Installed SubVersion CVS, Apache, SSHD
- Development Systems / Software
 - Installed Windows XP Pro, Visual Studio .net
 - Using Office 2003, others
- Web Site
 - Using Apache 2.0 on SuSE server
 - Not up yet

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S Team 3 Status Report (3 of 3) →

Team 3: Boeing

- Project Definition
 - Requirements have been received and analyzed
 - Still need to codify them
- Architecture Document
 - Analyzing and modifying older document
 - Working on new UML diagrams
- Risks
 - Flight data may be too inaccurate to use well
 - General problems with OpenGL, .net, etc.
 - Timing sync issue may be problematic

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S Team 4 Status Report (1 of 3) →

Team 4: Identity Alliance

- Client Contact
 - Conference Call on 1/18 With David Corcoran
 - Meeting at David's home in IN on 1/21
- Team Meetings
 - Every Tuesday and Thursday 2-5
 - Additional meetings as needed
- Team Organization
 - Brett: Team Contact and Social Affairs Coordinator
 - Other duties assigned as necessary

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S Team 4 Status Report (2 of 3) →

Team 4: Identity Alliance

- Server Systems / Software
 - Microsoft 2003 Server with IIS - Installed
- Development Systems / Software
 - Windows XP Pro SP2 - Installed
 - Java Development done in Eclipse
 - Smartcard access through Cyberflex Toolkit
 - Client Application in Visual Studio.NET
- Web Site
 - Basic site up and running

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S Team 4 Status Report (3 of 3) →

Team 4: Identity Alliance

- Project Definition
 - Writing an Applet for Java Smartcards
 - Applet compatible with ISO 7816 and NIST 800-73
 - Project to fulfill the Presidential Directive HSPD-12
- Architecture Document
 - Spec information being gathered from NIST 800-73
 - Schedule outline created in MS Project
- Risks
 - File System on the Smartcard
 - Reading from / Writing to the card

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S Team 5 Status Report (1 of 3) →

Team 5: Image Space

- Client Contact
 - Entire team drove to Ann Arbor to meet with Gjon 1/18
 - Tentatively scheduled future visit in the next week and a half -- primary contact via e-mail/forums
- Team Meetings
 - After Class, Tuesday following meeting in Ann Arbor
 - Friday 1/20, planned for every Friday
- Team Organization
 - MFC UI programming
 - Data Manipulation/Input/Output
 - Car/Real World Research/Integration
 - Overall Planning

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S Team 5 Status Report (2 of 3) →

Team 5: Image Space

- Server Systems / Software
 - Windows 2003 Server Installed
 - Windows XP Installed
 - Visual Studio.Net Installed
- Development Systems / Software
 - Integrating Direct 3D 9.0 with MFC using Visual Studio.Net
 - In house VEH editor provided as reference.
- Web Site
 - Website is completed in rough form (no schedule or anything yet)
 - Web Wiz online forums set up.

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S Team 5 Status Report (3 of 3) →

Team 5: Image Space

- Project Definition
 - Car Editor/Creator
 - Will allow user to tweak a car, or create a new one using a 3D model made in a separate program.
- Architecture Document
 - So far hasn't be officially started.
 - Planning on sectioning off different parts to different people.
- Risks
 - Inability to get Direct X working correctly.
 - Could be difficult to get the 3D portions of the program to mesh with the UI well.

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S Team 6 Status Report (1 of 3) →

Team 6: MATRIX

- Client Contact
 - Met with Mike first time on 1-14
 - Weekly meetings on Fridays at 1:45pm
- Team Meetings
 - Weekly team meetings Fridays after meeting with Mike.
- Team Organization
 - Colin is the project manager
 - Navid is maintaining team website
 - Chris is our main contact with Mike

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S Team 6 Status Report (2 of 3) →

Team 6: MATRIX

- Server Systems / Software
 - MS Windows Server 2003 installed and running as of 1-25
- Development Systems / Software
 - Linux chosen because of client recommendation
 - Installed and running on 1-14
- Web Site
 - Server up and hosting as of 1-25
 - Just the template right now. No Team 06 related material yet.

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S Team 6 Status Report (3 of 3) →

Team 6: MATRIX

- Project Definition
 - Create an online publication editor
 - Allow users to make presentations that associate text with media found on the Web
 - Final product must run on IE 5.5+
- Architecture Document
 - Skeleton document created
 - Introduction, project definition, table of contents
- Risks
 - Being able to communicate with existing database
 - Coordinating our editor with existing code

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S Team 7 Status Report (1 of 3) →

Team 7: MSU Men's Basketball

- Client Contact
 - Brian Loomis, Microsoft
 - (Met to discuss possibilities)
 - Kevin Pauga, MSU Basketball
 - (Had initial on the 19th of January)
- Team Meetings
 - Established Team Triage Meetings for Fridays
 - Discussed Project Possibilities and Roles
- Team Organization
 - Contact Person: Faheem
 - Project Manager: Joe

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S Team 7 Status Report (2 of 3) →

Team 7: MSU Men's Basketball

- Server Systems / Software
 - Windows Server 2003 is up and running
 - SQL Server 2005 is setup on server machine
- Development Systems / Software
 - Using C# Interface for XML/Small-X/XO's
 - VS.NET 2005 used on Tablets and Dev Machines
- Web Site
 - cse498t07s.cse.msu.edu
 - Updated needs to be uploaded

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S Team 7 Status Report (3 of 3) →

Team 7: MSU Men's Basketball

- Project Definition
 - Improving previous code: Bill & Matt
 - Small-X: Faheem, Joe, Kim
- Architecture Document
 - In the Drafting Process
- Risks
 - Implementing new technology (Tablet PCs)
 - Timetable and possible future enhancements (Video Library)

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S Team 8 Status Report (1 of 3) →

Team 8: Motorola

- Client Contact
 - Client involved in biweekly meetings.
 - Client has access to code and builds regularly.
- Team Meetings
 - Twice a week with phone conference with client.
 - Non-scheduled problem solving gatherings also held if needed.
- Team Organization
 - Collaborate data via CVS.
 - Collaborate goals via meetings and constant communication.

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S Team 8 Status Report (2 of 3) →

Team 8: Motorola

- Server Systems / Software
 - CVS programming and team collaboration environment up and running.
 - Windows 2003 Server correctly operating.
- Development Systems / Software
 - Suites installed; ANT, JXTA, X-Path, etc.
 - Actual application development is underway.
- Web Site
 - Server application and services installed and running.
 - Full featured website under development.

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S Team 8 Status Report (3 of 3) →

Team 8: Motorola

- Project Definition
 - Creation of a P2P app that identifies and locates resources among a group.
 - Implementation of JXTA, Java P2P Protocols, to develop a robust application.
- Architecture Document
 - Outline of the Technical Specification done.
 - About 70% complete.
- Risks
 - Learning of foreign language and protocols.
 - Interaction with large number of peers.

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S Team 9 Status Report (1 of 3) →

Team 9: Two Men and A Truck I

- Client Contact
 - Visited on Monday January 17th
 - Email and Phone Contact Weekly
- Team Meetings
 - Group Meetings Tuesday and Thursday Afternoons
 - Email and Web Task Listings
- Team Organization
 - Laura Designated Contact Representative
 - Tasks Assigned on Individual Basis
 - Scheduled Tasks Listed on Team Webpage

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S Team 9 Status Report (2 of 3) →

Team 9: Two Men and A Truck I

- Server Systems / Software
 - SQL Server Installed
 - Windows Server 2003 Installed
 - Remote Desktop Enabled
- Development Systems / Software
 - VS.Net Installed
 - Visio, Project Installed
 - Windows XP Professional Installed
- Web Site
 - Updated Consistently
 - Sample UIs ,Schedule Posted

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S Team 9 Status Report (3 of 3) →

Team 9: Two Men and A Truck I

- Project Definition
 - Customer Web Survey
 - Franchisee Data Viewer- Report Generator
 - XML FTP Data Transfers from Third Party
- Architecture Document
 - In Development
 - Set Due Friday 28th
- Risks
 - Integration with existing system
 - User Authentication and Credentials

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S Team 10 Status Report (1 of 3) →

Team 10: Two Men & a truck (2)

- Client Contact
 - Met onsite on 1/17 to discuss client requirements
 - Planning to meet again by the end of the week to present prototype and further clarify requirements.
- Team Meetings
 - Approx. 5 so far
 - Working on: Prototype, Scheduled milestone 1, Functional Spec., etc.
- Team Organization
 - Assigned members to different teams incl. backup
 - Database, Customer & Project Management, Customer & admin site development Teams, Test.

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S Team 10 Status Report (2 of 3) →

Team 10: Two Men & a truck (2)

- Server Systems / Software
 - Installed: Windows Server 2003, SQL Server 2003
 - Need to install: MS SourceSafe Clients
- Development Systems / Software
 - Installed: MS VS.NET
 - Need to install: Build tool.
- Web Site
 - Up and running
 - Possibly adding a Team blog to track updates

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S Team 10 Status Report (3 of 3) →

Team 10: Two Men & a truck (2)

- Project Definition
 - Build a database to hold orders and
 - Build a Customer and Admin site to handle products and orders
 - Data mine reports for sale analysis.
- Architecture Document
 - Charted out the basic and “Nice to have” product functionalities.
 - To Add: Prototype Design, Database schema, technical specifications for various functionalities.
- Risks
 - Implement money transactions (Verify if required)
 - Integrate with clients IT systems.

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S Team 11 Status Report (1 of 3) →

Team 11: Universal Map

- Client Contact
 - Met with Craig Allen on 1/14
 - Arranged for weekly email updates on Fridays
- Team Meetings
 - Regular meetings during lab hours and Fridays
 - Used to setup schedule, assign tasks
- Team Organization
 - “Champions” assigned to lead in certain tasks
 - Project Leader and Team Resource Leader

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S Team 11 Status Report (2 of 3) →

Team 11: Universal Map

- Server Systems / Software
 - Windows Server 2003: Installed
 - IIS 6.0: Installed
 - SQL Server: Installed
- Development Systems / Software
 - Microsoft Visual Studio .NET: Installed
 - Microsoft Speech API: Not Installed
- Web Site
 - Server is up with temporary site
 - Goal: Operational site up by Thursday

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S Team 11 Status Report (3 of 3) →

Team 11: Universal Map

- Project Definition
 - Overall vision, requirements and scope set
 - Possible “cool features” anticipated, time allowing
- Architecture Document
 - Document owner receives sub-system feature sets from champions; Integrates them
 - Overview and Technologies completed; Sub-system requirements being defined
- Risks
 - Fuse building schematics with product
 - Speech technologies (Text-to-Speech)

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