

EE/CpE 423-424  
WEEKLY STATUS REPORT

<b>Group #</b>	<b>6</b>	<b>Week ending: (Saturday)</b>	<b>9/17/05</b>	<b>Report #</b>	<b>2</b>
<b>Project Title:</b>	<b>Mobile Streaming Video</b>				
<b>Group Leader:</b>	<b>Becca Quinn</b>	<b>Advisor:</b>	<b>Blicharz</b>		
<b>Sponsor/Client:</b>	<b>Dobbelaar</b>				
<b>Total number of person-hours spent on project by group during past week: 40</b>					
<b>Is project on schedule?</b>		<b>Yes</b>	<b>[ X ]</b>	<b>No</b>	<b>[ ]</b>

**Weekly status:**

Include discussion of what you accomplished this week, who you contacted, what decisions were made, what obstacles were identified, how they are being addressed.

**Meeting Notes 9/18/05**

**Due by 9/19/05:**

Weekly status reports, what we did this week:

- List of tasks accomplished/things to do
- updated Gantt Chart
- E421 Lab
- Net Meeting – streaming video via webcam
- Plans for upcoming week – basic information/research (see below)
- Meet with Blicharz at 3pm on Thursday

**Last week update [Things Due by 9/18/05]**

Basic Gantt Chart of the next few months—jenny/becca

**9/18: Complete!!**

Network requirements (amount of space 500MB for starters— group name SRD6, private and public areas, what formats are supported? HTML, PHP, ASP, Coldfusion exc, can we host mysql on the space? bandwidth requirements/limits) – jenny

**9/18: school server only handles ASP, if we are making our own server, we can do whatever we want. Current plan: buy server and run Windows Server 2003 on it.**

Server parts – jenny

**9/18: - Cheaper to buy a new one than troubleshoot the parts we have. We need specific requirements so that we can purchase a machine and we need to talk to Dobbelaar about how to get the \$ to buy it.**

Research streaming formats, MPEG4, QuickTime, RealPlayer. Which is best for our application? Programs to compress into these formats? Price? Pros/cons of each format – Christian

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9/18: -divX or windows media top 2 formats– probably divX (\$20) low data transfew bit rate, fast compression, decent quality

Test out google's map program (earth.google.com) – can we use this for GPS/directions? Can we use a usb gps device (eg the delorme one Ian and Becca have now) with this application? – Christian

9/18: - delayed due to technical difficulties – need a 3D graphics card and better test machine than Stevens laptops for 2001

Test out DeLorme 2006 map/gps program – Ian

9/18: - delayed

Camera – what can it capture, what formats? Frames/sec – is it customizable? Resolution – better resolution of the image, less frames/sec.? webcam?- Ian

9/18: - delayed until formatting determined

Specific Modem needed – inputs/outputs, what can it do? PCI card or specific modem? Service plans/cost: best tradeoff for modem/coverage/speed/cost- Ian

9/18: - Biggest hangup right now is the plans. Modems are all very similar. See if we can get a monthly contract instead of a yearly. See if we can get multiple plans to test service. Calling cell companies to get contacts to give to Blicharz for negotiations.

Database program (mysql or other), test/experiment. How can it interact with web pages? – Becca

9/18: -MySQL or MS SQL (<http://www.microsoft.com/sql/2005/productinfo/ctp.msp>)

HTML research – security/secure logons, how to code – ASP?? – Becca

9/18: depends on server we set up. can do asp or php.

Webcam experimentation – can you capture video, images, stream from machine to server and server to web in a way that will work with out idea? –becca

9/18: maybe. Need more experimentation/research

Senior D webpage – look into what we have to do, what we need to update –

9/18: Not currently available – will address when we receive more information

Things Due by 9/25:

Next Meeting date 9/22 to discuss what we accomplished, time: After meeting with Blicharz

Update gantt chart with specific deliverables for each task – Becca/jenny

Specific parts to order for server/order server before 10/2 – jenny

How do we get \$ for purchases? – Ian

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Call phone companies about data services. See if we can get a monthly contract instead of yearly, see if we can get anything 'donated' or 'free' – Ian

Purchase and test out divX program. – Christian

Test Web cam stream through net meeting – Becca

Demo mySQL and MS SQL 2005 on personal machine to determine which one to use - Becca

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