WEEKLY REPORT #3

Group 22 (May14-22)	Date 9/23/2013
Client/Advisor: Andy Winer	
Attendees/Role:	
Derek Peterson- Website/ Tester	
Chris Tedford- Leader / Project Manager	
Nick Schulze – Systems Engineer	
Charles Patterson – Communications	

Past week accomplishments			
What	**Who**	**When**	
Meet with advisor to discuss semester plan	Derek, Chris	9/17	
Email ideas to advisor	All	9/18	
Review meeting with advisor	All	9/20	
Plan for coming week			
What	**Who**	**When**	
Gain access to VRAC	**All**	**Sometime next week**	

Define changes to project plan and set up goal	**All**	**9/27**	
Bring final project plan back to Winer	**All**	**9/28**	
Pending Issues			
Description	**Action**	**Target date**	
Winer has changed the goals of our project a little bit	**Make sure to clarify with him what our exact goals are so we can plan better**	9/27	
Getting ahold of pairs of Google Glass	**Winer is taking care of this for us**	**Need by the end of the week.**	
Must do research to determine limitations of Glass	**Reaserch. Need to be done by end of week so we can bring findings back to Winer.**	**Has to be done by 9/26**	
Individual contribution			
Name	**Responsibility**	**Planed date**	**Actual date**
Charles Patterson	**Set up meeting with Winer.**	**9/16**	**9/16**

Derek Petersen	**Attended meeting with Winer . Asked project questions**	**9/17**	**9/17**
Nick Schulze	**Reaserched Google Glass details.**	**9/17**	**9/20**
Chris Tedford	**Attended meeting with Winer. Asked project questions.**	**9/17**	**9/17**
Individual hourly contribution			
Name	**Number of Hours**	**%**	
Charles Patterson	**2**		
Derek Petersen	**3**		
Nick Schulze	**1**		
Chris Tedford	**3**		

We were able to get another meeting set up with Dr. Winer our advisor. He helped us understand his vision for the project. We discussed many important topics regarding the project. The meeting minutes are below.

Meeting 1 with Dr. Winer Agenda:

1) Access to the VRAC?
We will be gaining 24-hour VRAC access sometime next week. In the meantime we should make sure that we have accounts on the VRAC machines. Email Glen Galvin inquiring whether or not we have accounts and request that we get them made. CC Winer on the Email.

2) Final goal for the project

<u>Some stuff has changed</u>. Right now our goal is to find a useful and plausible application with Wearable computing devices, such as Glass. Winer wants us to do quite a bit of research into using current technologies in innovative ways to improve military training applications. Once we have the capabilities of Glass figured out and some possible uses for it, we'll develop those fully.

So currently our goal is much less concrete. **Research and develop software to gather and display useful information to enhance military training exercises using existing technologies (i.e., Google Glass, iPhone S5, Android Devices, etc.)**

Chris: We'll have to discuss this with Mani. But since the majority of our grade comes from our Adviser, I'm much more willing to go with what Winer wants.

3) What type of Agile would he like to see to get to that goal, how often would he like to meet for the Agile processes?

Chris: Uh? We're currently in researching stages. We can decide this for ourselves I think.

4) What will the Agile cycles be?

What we proposed in class:
1) Development of a generic app for google glass to gain experience
2) Develop app for audio communication between glass and homebase (server)
3) Develop app for video transmission from glass to homebase
4) Develop an app for map replication on Glass with user location
5) Create wrapper app of audio communication and video transmission
6) Create final app with all three components working together.

Our goal would be to get through 3 and started on 4 this semester.

Winer believes that item 2 is not possible with the voice recognition constraints with Google glass. With a large group of people training in the environment, there's no way to distinguish which voice belongs to which device. Perhaps we can do it with an added directional microphone? This can be a subject of our research.

Winer does not see any real use for item 3 because the exercises will take place in the Mirage.

Chris: I'm unsure on this one. I'm gonna leave it up to Winer for now. If after some research we can find some use for this, we'll document it.
Todo: Contact Gilbert about item 3 to determine application of video transmission.

5) How would he like to see progress reports?

Winer would like that our progress reports be delivered digitally through email in a document that will allow him to edit it and make comments such as a .docx.

6) How does he measure our success?

Research and stuff first.

7) Website design he would like to see and where he would like to see it?

Our progress reporting site for the class can be public. He mentioned that the VRAC will grant us web serv access and we'll have our own http space that we can do "whatever we want" with.

8) Where to work on project?

We will have no designated space in VRAC for work. We'll have access to the lab in VRAC 24/7, **but** our project is lower priority than the major research projects. The lab will be mostly empty after 5, so we can for sure do work then. He made it sound like before 5pm chances are, we aren't going to be able to use a machine.

9) How to get Google Glass in our hands?

Winer is working on it.