

## ***Assistive device to augment strength in the weak hand of a stroke patient***

### ***Team 12: Finger Device***

*Client: Dr. Matt Jensen*

*Advisor: Paul Thompson*

*Team Members: Thomas Fleming (Leader)*

*Mark Reagan (Communicator)*

*Brad Rogers (BSAC)*

*Tyler Vovos (BWIG)*

*January 25 to January 31, 2008*

#### **Last Week's Goals**

- Send contact information to team members, team advisor, and client
- Set up meeting time with client
- Complete chart of team members' availabilities
- Read article accompanying project description [Robot assisted exercise](http://www.medicalnewstoday.com/articles/66061.php) (<http://www.medicalnewstoday.com/articles/66061.php>)
- Send photograph to advisor

#### **Summary of Accomplishments**

- Contact information and first contact with our client were made
- Mark scheduled a meeting with our client Friday Feb. 1<sup>st</sup>
- All team members recorded their availabilities in the spreadsheet seen below (fig. 1)
- All team members read the article: "Robot assisted exercise"
- A team photograph is shown below (fig.2)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
7:30							
7:45							
8:00							
8:15							
8:30							
8:45		Mark, Tom, Tyler		Mark, Tom, Tyler			
9:00		Mark, Tom, Tyler		Mark, Tom, Tyler			
9:15		Mark, Tom, Tyler		Mark, Tom, Tyler			
9:30		Mark, Tom, Tyler		Mark, Tom, Tyler			
9:45	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler	Mark, Tom, Tyler	Tyler, Mark		
10:00	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler		
10:15	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler		
10:30	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler		
10:45	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler	Mark, Tom, Tyler	Mark, Brad, Tyler		
11:00	Tom, Tyler	Tom, Brad	Mark, Tom, Tyler	Tom, Brad	All		
11:15	Tom, Tyler	Tom, Brad	Mark, Tom, Tyler	Tom, Brad	Tom, Tyler		
11:30	Tom, Tyler	Tom, Brad	Mark, Tom, Tyler	Tom, Brad	Tom, Tyler		
11:45	Tom, Tyler	Tom, Brad	Mark, Tom, Tyler	Tom, Brad	Tom, Tyler		
12:00	Tom, Tyler		Mark, Tom, Tyler				
12:15	Tom, Tyler		Tom, Tyler				
12:30	Tom, Tyler		Tom, Tyler				
12:45	Tom, Tyler		Tom, Tyler				
13:00							
13:15	Brad, Tyler		Mark, Brad, Tyler	Tom, Mark			
13:30	Brad, Tyler		Mark, Brad, Tyler	Tom, Mark			
13:45	Brad, Tyler		Mark, Brad, Tyler	Tom, Mark			
14:00	Brad, Tyler		Mark, Brad, Tyler	Tom, Mark			
14:15	Brad, Tyler		All	Tom, Mark	Mark, Tom		
14:30	Tom, Brad, Tyler	Tom, Brad, Mark	All	Tom, Brad, Mark	Mark, Tom		
14:45	Tom, Brad, Tyler	Tom, Brad, Mark	All	Tom, Brad, Mark	Mark, Tom		
15:00	Tom, Brad, Tyler	Tom, Brad, Mark	All	Tom, Brad, Mark	Mark, Tom		
15:15	Tom, Brad, Tyler	Tom, Brad, Mark	Tom, Brad, Mark	Tom, Brad, Mark	Mark, Tom		
15:30	Mark, Brad, Tyler	Tom, Brad, Mark	Tom Lab	Tom, Brad, Mark			
15:45	Mark, Brad, Tyler	Tom, Brad, Mark	Every Other	Tom, Brad, Mark			
16:00	Mark, Brad, Tyler		Week				
16:15	Mark, Brad, Tyler		Tom, Brad, Mark				
16:30	Mark, Brad, Tyler		Tom, Brad, Mark	Mark, Tyler			
16:45	Mark, Brad		Tom, Brad, Mark	Mark, Tyler			
17:00	Mark, Brad		Tom, Brad, Mark	Mark, Tyler			
17:15	Mark, Brad		Tom, Brad	Mark, Tyler			
17:30	Mark, Brad		Tom, Brad	Mark, Tyler			
17:45							
18:00	Mark, Tom						
18:15	Mark, Tom						
18:30	Mark, Tom						
18:45							
19:00							
19:15							
19:30							
19:45							
20:00							
20:15							
20:30							
20:45							
21:00							
21:15							
21:30							
21:45							
22:00							

Updated By    Date  
Tom            1/25/2008  
Brad              
Mark              
Tyler              
: White space is free time

Figure 1: Team member availabilities

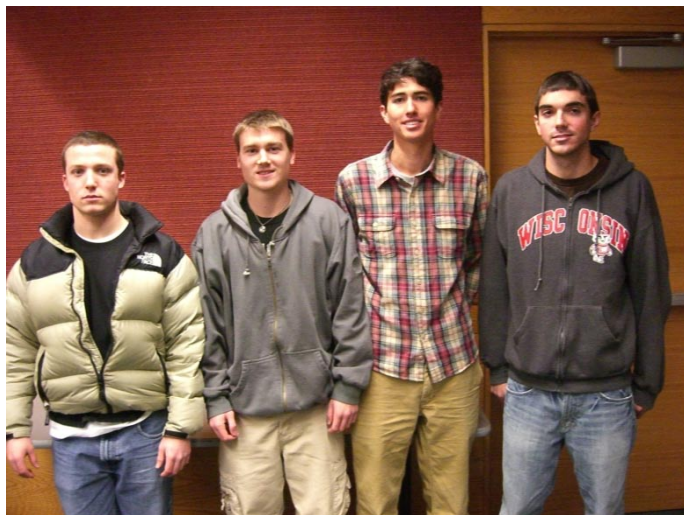


Figure 2: Left to Right: Tyler Vovos (BWIG), Mark Reagan (Communicator), Tom Fleming (Leader), Brad Rogers (BSAC)

### **This Week's Goals**

- Meet with client to determine project parameters
- Create a preliminary Project Design Specification
- Create a preliminary project schedule
- Search for related journal/internet articles relating to the project. Send these articles (or links) to the other team members

### **Project Difficulties**

- Due to numerous conflicts in our schedules, it took a few days to find a time to meet with our client. Mark handled the communication well, however, and a meeting time which we all could attend was established.

### **Activities**

- 1/25/08 Team contact information and contact with client were established ~1 hr.
- 1/25/08-1/28/08 Team schedule was established (All) ~10 mins.
- 1/25/08-1/30/08 Article read (All) ~15 mins.
- 1/25/08-1/30/08 Meeting time was established (Mark) ~1 hr.
- 1/31/08 Write progress report (Tom) ~30 mins.

### **Project Schedule**

- *TBD*

### **Expenses**

- **None**