

March 12, 2013

ENGR110/210

Perspectives in Assistive Technology



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Agenda

1. Student team final presentation info
2. Remaining assignments
3. Signup for end-of-term celebration food
4. Student presentations

Presentation Items

1. Evaluation Forms
2. Please note that due to the limited presentation time (8 minutes), some project details may not be discussed.
3. Maximum of two questions per team.
4. Opportunity to see projects close up and ask questions during Thursday's end-of-term celebration

Remaining Assignments

Final Reports: send by email, include videos

Individual final reports due Tuesday, March 12th

Team final reports due Monday, March 18th

All personal reflections due Monday, March 18th

Unexcused missed lectures must be made up

Project reimbursement procedure:

<http://engr110.stanford.edu/expenses.html>

Signups

End-of-term celebration

Thursday, March 14th

Food and drink signup (if you did not already done so last Thursday)

Everyone welcome

End-of-Term Celebration

Thursday, March 14th -

Course Evaluation in classroom

Project demonstrations, food and drinks in
Gibbons Grove

Presentation Schedule

1. Team ProApps
2. Team Sane Fix
3. Touch of a Button!
4. Team Flatland
5. Team Xavier
6. Team Oh Inhalers / MyInhaler
7. Team Too Clean
8. The Pedphiles

Team ProApps



Social Development Program for Students with Autism **Beth Shields and Kevin McCabe**

Project: Explore the development of educational gaming applications that will help to create an engaging method for students to build appropriate social emotional recognition through repetitive behavioral modeling.

On deck: Team Sane Fix

Team Sane Fix



Monkey Bar Prosthetic Project **Sane Cassidy and Tal Fix**

Project: Explore designs for a device for a child with a missing hand or arm that would allow him/her to play on the monkey bars.

On deck: Touch of a Button!

Touch of a Button!



Dressing Aids

Kelly Nguyen, Raymond Liou, and Nathaniel Wynn

Project: Explore designs for anyone with an upper extremity impairment to help them button their pants and shirt (including sleeves).

On deck: Team Flatland

Team Flatland



Flat House Project

Will Tucker, Matt Rios, and Tommy Fraychineaud

Project: Explore and design a solution that can be retrofitted to current housing for the outdoor step problem (entering and leaving a house), the indoor one step up or down on a single floor, and the multi-step problem of stairs.

On deck: Team Xavier

Team Xavier



NeuroSky Project
Andrew Logan

Project: Explore an application for a person with a disability using the NeuroSky brain-computer interface product.

On deck: Team Oh Inhalers / My Inhaler

Team Oh Inhalers / MyInhaler



Inhaler Appearance Project **Kezia Alfred**

Project: Explore designs for inhalers that would improve their appearance, including making them more discreet.

On deck: Team Too Clean

Team Too Clean



Wheelchair Wheel Washer **Sean Pacheco**

Project: Explore designs to remove dirt from the wheels of a powered or manual wheelchair or walker.

On deck: The Pedphiles

The Pedphiles



Sock Donning Aid

Anna Evans, Richard Lui, and Wade Hatton

Project: Explore a new design for a sock donning aid that can be used with one hand.

Fini