

SubXero Team Meeting Minutes

EP 103 @ 4:00pm

9-18-2014

Upcoming Dates:

- Sep 21 - Robsub Club meeting at WSU at 1 pm in Dana 3
- Sep 26 - Client interview due
- Oct 3 – Workshop 1 and transcript of client interview
- Oct 6 – Logbook review
- Oct 19 – Snapshot (project should be well defined by this date)

Team Assignments:

- Portfolio will be kept by Cameron
- Budget will be done by Michael
- Client contact will be done by Chet
- Bblearn calendar will be done by Cody

Client interview:

- Client interview should consist of Haily Holt and team leads if possible
- Interview will be somewhat informal due to the nature of our team
- Team members will talk with Haily tonight at WSU naming ceremony to set up interview time

List of potential interview questions (Google Doc):

- What are sub strong suits/weaknesses?
- Motor or pneumatic claws?
- Course obstacles to be avoided?
- Target weight?
- Can we move things around? Space out for better balance?
- What are the AI plans?

Data matrix ideas(Google Doc):

- Top speed
- Cruising speed
- Battery life
- Max depth
- Controls
- Z direction
- Stability
- Weight
- Response time
- Looks

- Armor for sensitive components

Tasks for this week:

- Everyone needs to create Bblearn calendar and send link to Cody
- Shop certification will be scheduled once everyone uploads bblearn calendar.
- Brainstorm a list of items to add to Google Docs lists (Data matrix, Interview questions)
- Good logbook entry of project learning

Extra Notes:

- Chris Pratt (former ME lead) is available for questions
- Email - prat2932@vandals.uidaho.edu
- Skype name – [chris.pratt.topher](#)
- Sam (mentor)
- Contact 208-907-0919

9-25-2014

Meeting Minutes

Attendance:

Whole team, Mentor, Instructor

Important Dates:

- Shop training 3:20 next Thursday Oct 2nd
- ME meeting time Tuesday morning @ 10:00am
- Oct 6 Logbook review
- Oct 11 project proposals in front of WSU group meeting
- Dec 1st purchase order lists are due

WSU meeting last Sunday:

- Chet is to submit an ME? progress report every week to Haily
- Each team is to give an outline of project goals for the year.
- Haily started a marketing team for Robosub with intent to look for sponsors
- Haily gave deadline: Oct 11th to present projects for year.
- Pool test will change this year. Each group will have their own pool time.
Sign-up in mid Oct

Member responsibilities:

Chet - Agenda, WSU rep

Cameron -

Cody - TBD

Micheal -

Woovin -

Jeff -

Sean -

Portfolio:

- Will be divided into team sections within categories. Ex. Project learning divided into ME, EE, CS
- Print and add project learning items to portfolio

Week Assignments:

- Project Learning
- Shop Training next Tuesday

Team Meeting

10/9/2014

Attendance:

Chet, Cody, Woovin, Michael, Jeff, Sean, Cameron, Dr. Riley

Dr. Riley - Logbook info session:

- Cross off blank spots on page
- Update table of contents

Important Dates:

- Oct 14 Snapshot
- Oct 17 BBQ at WSU (info to come)
- Oct 31 wiki page Updates due

Snapshot:

- Next Tuesday at 3:30 in Power Lab
- Poster coming from WSU - Chet will pick up
- Team Photo before Snapshot on Tuesday at 3:00
- Metrics Matrix (on Google Drive)

Tasks this week:

- Personal bio of each team member - Update on Google Doc by next Tuesday

Individual Assignments:

Michael:

- Google Doc for bios
- Team Logo

Sean/Jeff:

- Add AI section to Metrics Matrix

Meeting Minutes
10/16/2014

Attendance: Cameron, Woovin, Jeff, Sean, Cody, Michael, Chet, Dr. Riley

Upcoming Deadlines:

- Oct 28th Wiki help by appointment
- Oct 31st **DUE:** Mid-Semester Wiki-page
- Nov 10th **DUE:** Logbook Review #2

Progress Update:

Hydrophone mount is almost complete, just need to buy aluminium
CS is setting up a weekly AI meeting with WSU on Tuesdays

Snapshot feedback:

In the future need to send a photo/info of snapshot poster to Mike (NAVSEA Sponsor)

Weekly Tasking:

Need to buy filament for 3D printer
Michael is going to contact WSU budget people about funding
All team members need to update bios on Wikipage

Notes:

WSU meeting Sat at 1:00

Meeting Minutes

Oct 23, 2014

Attendance:

Cameron, Chet, Woovin, Michael, Jeff, Sean, Dr Riley

Approaching Deadlines

- Oct 28th Wiki help by appointment
- Oct 31st **DUE:** Mid-Semester Wiki-page
- Nov 10th **DUE:** Logbook Review #2
- Nov 21st pool test

Info Sharing:

- Mike at Navsea would like to see any progress made on the sub. Send stuff to Chet who will forward.
- Cornell will be hosting webinars (good to see what the competition is up to and get ideas)

Progress:

- Chet is researching pneumatic actuators
- Jeff is working on making the robosub cross platform
- Sean is working on coding a part of the sub
- Cameron is working on PCB redesign

Weekly Assignments:

- MEs need to setup completion dates to try and get things done before end of year.
- Michael will develop a chart to bring to next ME meeting
- Need to find out about camera purchase deadline to model the enclosure
- Michael will be modeling a Robosub stand with axis rotation (possible case stand combo)
- Wiki page bio needs to be done within the week and put on google doc Jeff will create

Meeting Minutes

10/30/2014

Attendance:

Cameron, Sean, Michael, Woovin, Chet, Cody, Dr. Riley, Sam

Upcoming Deadlines:

- Nov 3rd **DUE:** Mid-Semester Wiki-page
- Nov 10th **DUE:** Logbook Review #2
- Nov 12th Pool test at WSU
- Nov 3-21 **DUE:** Design review (w/client and lead instructor)
- Nov 21st **DUE:** Team member citizenship form to lead instructor by COB

Wikipage:

- Updated Bios
- Updated project description
- Cleaned up format of page

Progress Update:

- Camera bracket reconstruction finished
- Wikipage bios to be completed Today
- Responsibilities and Progress
 - EE
 - PCB rework
 - CS update
 -
 - ME Update
 - Claw designs and designated dimensions

Weekly Tasking:

Notes:

- Bring items to add to portfolio (drawings, specs, code, project learning)
- Action Register added to Google drive

Meeting Minutes

11-6-2014

Attendance:

Chet, Cameron, Michael, Woovin, Jeff, Sean, Cody, Dr. Riley

Upcoming Dates:

- Logbooks dues by end of day next Wend 12th
- Need to attend at least two other design reviews

Updates:

ME:

- Sub stand – Initial design done, looking for approval by next Tuesday.
- Claws – Reworking designs
- Battery Tube – design done, will be pricing parts

CS:

- Will have something to test by the pool test
- Has nice calibration library to make adjustments
- Finished camera calibration program

EE:

- Finished the PCB redesign
- Will start working on LED feedback

Design Review:

Break up into 3 sections, ME, CS, EE. Look at design review form about how to come up with info to present. Each section makes their own info session and will present in Design review session.

Weekly tasking:

- Come up with design review slides for the presentation.
- Keep in mind of changes to Wiki. (update bios, rework projects)
- Chet: Schedule Design review with Haily. Email Dr. Byerline about time of our design review so he can attend
- Woovin: Talk to Haley about sub stand funding
- Michael: Get budget info from Haily

Meeting Minutes

11-13-2014

Attendance:

Cameron, Chet, Cody, Woovin, Michael, Dr Riley

Progress Updates:

CS: Gui updating

EE: PCB creation of power cutoff circuit

ME: designing new parts

Design Review:

Possible next Tuesday at 4:00 or 5:00 or 6:00

Meet after WSU meeting on Sat.

Reference presentation outline Chet made

Each team will present projects

Michael - camera, sub stand

Cody - claw

Chet - bottom claw

Woovin - Marker dropper, solenoids/pneumatics

Cameron - PCBs

Budgeting:

Molly is holding back funds until WSU gives UI money. Michael emailed a guy who will hopefully clear up the mess.

Approaching Deadlines:

- Nov 3-21 **DUE:** Design review (w/client and lead instructor)
 - EE, CS, ME presentation update
 - what do we have so far?
 - decide upon date
 - Waiting for everyone to fill out the poll
- Possible Dates Include:
 - 11/19/14 @ 4, 5, or 6pm
- Nov 21st **DUE:** Team member citizenship form to lead instructor by COB

Weekly Tasking:

Design Review Presentation

Meeting Minutes

11/20/2014

Attendance:

Cameron, Chet, Cody, Woovin, Michael, Jeff, Sean, Dr Riley

Approaching Deadlines:

- Nov 21st **DUE**: Team member citizenship form to lead instructor by COB
- Dec 2nd: GENERAL SESSION #11 - Snapshot Prep, Semester Deliverables (**AgSci 106**)
- Dec 5th: GENERAL SESSION #12 - **Snapshot Day #2 (GJ Lab 8:30-10:20)**

Project Updates:

ME:

Finished adding the claw design to the bottom of the sub.

Budgeting - In the clear to start purchasing. Michael will get final numbers from WSU. Be frugal so we have money left for San Diego trip.

CS:

Planning meeting with WSU team.

Jeff will begin working on Dustin Crossman project.

Sean working on stereoscopic system

AI will kick off as soon as grapevine is done

EE:

Working on power cutoff switch

Notes:

Meet up after class on the Tuesday we get back.

Keep working on the Wikipage (add pics)

Meeting Minutes

12-4-2014

Attendance:

Cameron, Chet, Cody, Woovin, Michael, Jeff, Sean, Dr Riley

Approaching Deadlines:

- Snapshot tomorrow
- Wikipage Review 3:30
- End of semester deliverables:
- Logbook
- Project Portfolio
- By Sunday night have a change made to the wikipage. Email Chet to let him know that the change has been made.

Progress Updates:

ME:

Sub stand modeling is done minus the calculations. Ready to order parts next tuesday

CS:

Looking into a controlled enviroment testing
working on the AI modeling stuff

EE:

Reworking PBCs

Notes:

- Last meeting for WSU this Saturday at 1:00pm
- Snapshot this Friday - poster should be finished by end of meeting.
- Wikipage review next Tuesday.