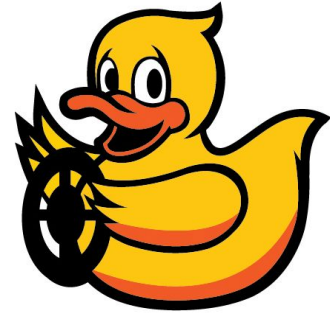# Lab 06 - March 11

Goals for this lab:
1) **Everybody gets their dedicated wifi working**
2) **Everybody meets with their feature group and moves things along**

- Main channel for this event is: **#lab06-mar11**
  - Other relevant channels:
    - feature channels
- Important documents for this lab:
  - Setup Step 1.7 - Setting up the Buffalo access point v2.0

Editing policy: Staff and students: you are welcome to edit and add materials into this document, or any of the setup (or other) docs, but please **put it in dark purple like this**, and then it will be turned into black by the instructors after the change is announced. This will avoid us getting confused regarding what is the starting version and what are the changes.

Reminder: Color key: blue is what students should read; orange is important/needs attentions; red is urgent / past due; purple is the status survey; green is done (yay!), **dark purple are changes to the instructions (by students and staff)**

Part 1: Buffalo upgrade and (hopefully) final networking solution

Led by Jason Pazis.

Assuming you have done the Buffalo setup, you should follow Setup Step 1.7 - Setting up the Buffalo access point v2.0 from Section 9 onward.

In doubt; please **reset** the Buffalo and start from scratch.

Part 2: Feature-specific development

Meet with your specific teams and discuss your feature development.

Equipment Checklist

- Network
    - all the switches we can find
    - 5 super long (orange?) ethernet cable
    - 30 long (orange) ethernet cable
    - 30 short (green) ethernet cable
    - 1x airport express
    - 1x extra airport express
    - 8 x Mac ethernet adapters
- Power
    - all the power strips and power extenders we can find
- New Equipment to distribute:
    - all of the Buffalos
    - all of the USB switches
    - all of the 1ft ethernet cables
- Duckietops for loan

Needed for F1:
- Tapes of different color
- 6 extra tiles

Needed for F2-F3:

    LED kits

Needed for F4:

Needed for F5:
- Infrastructure:
    - mats - enough to make one long lane and one loop (14 mats total)
    - tape

Needed for F6:
- Nothing

Needed for F8:
- A bunch of signs with tags on them

Needed for F9:
- cones/duckies