CPrE 491 – sdmay19
Weekly Report 1
9/5/2018 – 9/19/2018
Client: IBM Call for Code
Faculty Advisor: Diane Rover

Team Members:
Caleb Nash – Lead Frontend
Justin Kaufer – Research & Testing
Austin Keen – Designer
Bobby Schedler – Lead Backend
David Boschwitz – Team Lead
Logan Fladung – Subject Matter Expert & Graphics

Past Week Accomplishments
Focus: User needs/use cases

So this week we're focusing on technology research, and finalizing our project concept. I talked to Nick on Friday, and our advisors are on-board with our current concept.
This week:
- We will create & present the concept/elevator pitch for class
- Research Technologies (I've put some helpful-ish links in the slack)
- Brainstorm core features we should begin with

At the meeting:
- Nick will help us design a technical process
- Nick will help us design how we can use user research to make our app better for the end user
- We will talk about what we found from researching technologies and talk about feasibility

I researched popular designs for application

The team discussed ideas for the project and we are most interested in creating an app a bit outside the CallForCode scope, with a greater focus on Humanitarian Relief. We're very interested in creating a "toolbox" for people affected by disasters. The core idea being lightweight and portable, so it could use ad-hoc technology to work without (or with only a few) points of access to the internet and cloud, so people in disaster zones can work without service or internet and still get access to what they need.

Then in the app we will have different capabilities/components, for example: a map with locations of nearby first aid/food bank/power/running water, an airbnb-esque feature for finding and allocating shelter, a lost and found for family members who have been separated, a messaging feature, etc.

Plans for coming week

1. Logo (Branding Essentials)
2. Research Natural Disasters
   a. Justin: Earthquake in Nepal
   b. Caleb: 2015 Chile Tsunami
   c. Austin: Hurricane Katrina
   d. Robert: Fukushima Tsunami
   e. David: Yosemite Forest Fires
   f. Logan: Tornadoes - https://en.wikipedia.org/wiki/Tornadoes_of_2018
3. Familiarizing ourselves with IDE and framework for development