

## Lab 4

Product Owner: Sophia

Scrum Master: Maddie

### **Initial list**

Text box w/ helper button  
Button functionality to include questions  
Remove common words (it, the, and, etc)  
Retrieve Input  
Generate multiple passwords based on responses  
Display options to user  
Ability to choose one of the generated passwords  
Experiment with appinventor  
Research when necessary  
Name project  
Create IDs  
Distribute tasks to ice box

### **Ordered list (by priority)**

- Create textbox + helper button
- Make button execute a command that pulls from a list of questions to ask the user
- Make the button retrieve the responses of these questions
- Create repository of questions to ask
- Once the responses are retrieved by the program, generate a series of passphrases based on recorded responses
- Remove the common words (and, it, the, etc)
- Create list of important words
- Pull random words from that list
- Present generated passphrases to user and let them choose one
- Produce additional research to verify the functionality
- Create IDs for blocks of code
- Name the project for ease of reference
- Change background color to make it more appealing visually.

### **Project Name: The Password Provider**

#### **Questions to ask:**

- Describe your favorite vacation
- Why did you decide to go to the high school you attend?
- Why do you live in this city?
- Who is your favorite artist and why?
- Describe the most important person in your life

- Who is your role model and why?

**Common words to remove:**

**Pronouns:** I, me, mine, myself, she, her, hers, herself, he, him, himself, we, us, our, ourselves, they, them, theirs, it, itself, my

**Helping Verbs:** be, am, is, are, was, were, been, being, have, has, had, could, should, would, may, might, must, shall, can, will, do, does, did, having,

**Prepositions:** to, under, above, in, after, with, as, at, for, over, by, into, before, beside, like, of, off, on, from, up, down, than.

**Adverbs:** carefully, correctly, eagerly, easily, fast, loudly, patiently, quickly, quietly, well, abroad, anywhere, downstairs, here, home, in, nowhere, out, outside, somewhere, there, underground, upstairs, so, so that, to, in order to, because, since, accidentally, intentionally, purposely, always, every, never, often, rarely, seldom, sometimes, usually, after, already, during, finally, just, last, later, next, now, recently, soon, then, tomorrow, when, while, yesterday, everywhere, here, there,

**Verbs:** add, allow, bake, bang, call, chase, damage, drop, end, escape, fasten, fix, gather, grab, hang, hug, imagine, itch, jog, jump, kick, land, lock, march, mix, name, notice, obey, open, pass, promise, question, reach, rinse, scatter, stay, talk, turn, untie, use, vanish, visit, walk, work, yawn, yell, zip, zoom