ZenHub and AGILE

What is Agile?

-an approach to software development that emphasizes flexibility, interactivity, and transparency

-frequent release of usable code

-continuous testing

-acceptance that your knowledge will change

Zenhub

-Never touches or changes code

-Lets you organize pull requests and issues into task boards and reports

-GitHub issues are like a message board for ideas, where your team can talk about the software you are building

-currently they are organized in a list, making it difficult to get important info quickly or understand progress/priority

What is SCRUM?

-SCRUM is a way of working on a project that emphasizes milestones

-The goal is to have a working version of an app with a new feature included after a fixed length of time

How do I use ZenHub?

-Simply set a start and end date for a milestone (two to four weeks is the usual)

-Add user stories to begin “sprinting”

-A user story is similar to what I did in “Woof.docx”, in the form of “As a user, I would like to add files to the server, so that I can store them”

-Basic tasks that say *who* is doing *what*, and very specific- one task at a time, notice I didn’t say “add and remove files”

-Template is “As a <user type>, I want <a goal> so that <benefit>”

Acceptance Criteria- define the boundaries of a user story, and confirm when it is completed

For example, after examining the user story, “As a conference attendee, I want to be able to register online, so I can register quickly and cut down on paperwork,” there are questions to be asked.

-What information should be collected?

-Where does this information go?

-Does the user need to be sent an acknowledgment?

This is what the acceptance criteria captures. It could include:

-A user cannot submit a form without completing all the fields

-Information is stored in the registrations database

-Protection against spam is working

-Users can pay by credit card

-An acknowledgment email is sent after the user submits form

There are several stages for each user story:

-Not started

-Started

-In Testing

-Finished

(Delivered and Accepted, but not for us since we aren’t making this for anyone)

We will discuss the following things every day:

-What I did yesterday

-What I’m doing today

-What is blocking me from progressing on a user story

**Story Mapping:**

-With such a big project, we need to be able to see the big picture

-A server has many facets to it beyond a user being able to add items

First, ask what the software does and make categories.

-Create user stories for each category.

-Prioritize user stories, most to least important

-Figure out how these user stories work together