PROGRESS UPDATE 02/28

28 FEBRUARY 2020

TEAM

Benjamin Napier, Dakota Brown, Seth Vickers, Kenneth Richardson, Hunter Frostick

AGENDA

Last Meeting Follow-up

1. Teams have been split as follows:

    a. **Benjamin** is working to finish **cleaning lessons** for Python and Scratch then **transitioning** to **AP CSP project**. **Kenny** is also working to finish **cleaning lessons** for Scratch.

    b. **Dakota**, **Kenny**, and **Hunter** are beginning work on the **dissemination space**.

    c. **Seth** is working on the P5.js **Cityscape project** then **transitioning** to the **dissemination space** project.

2. The plan with teams split like this is to have the lessons and Cityscape project done as quickly as possible so that we can transition to focusing our work on the dissemination space.

    a. Based on the feedback from last meeting we felt it was best to drop the knowledge base articles from the list of items we are currently working on. We will go back to working on that if we manage to finish the dissemination space but it seems to us that the dissemination space was much more important.

New Business

- We found a VDoE grant that contains the details of several of the projects we are working on. From our review of this article we think it is pretty clear what we should be aiming for. We hope to give at least a

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minimum viable product of each of the items listed in the grant before we wrap up our work

- https://docs.google.com/document/d/1yE5Gx2gT3h79-CmIzQiCXj2zmQTpyi4rytBWWnIZt8E/edit?usp=sharing

NOTES

- ❖ **What's taking so long on the lesson cleanup?** We seem to have lost the links for the Python Coding Lessons 3 & 4. We are working to remake those documents as soon as possible. Once those links are added in, the lessons are finished and Benjamin can continue to work on the AP CSP project.

- ❖ **Dissemination Space Thoughts:** Hunter and Dakota started looking into Zoho Creator and how we could utilize their tools to host the D-Space.

  - ➤ **Pros:**
    - There is no separation of front- and back-end, so everything is in one place and there is no need to maintain a web server or database.
    - Development of the database/website will be much quicker using Zoho.
    - Zoho is stable and has everything we need.
    - A non-programmer could maintain (add/remove database items) with ease. A non-programmer could also (potentially) maintain the look and feel of the entire site with relative ease.

  - ➤ **Cons:**
    - As of right now, we are using a free trial version of Zoho Creator, and cannot publish anything to the web, so it's impossible to see what a layperson (non-admin) would be seeing.
    - Further, this free trial ends in 13 days (March 12th, I believe).

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■ Currently, there is an issue with communication between different pages and Dakota has contacted Zoho support for guidance and is awaiting their response. In the meantime, we can continue to develop the site, however some aspects will be impossible to demonstrate until the issue is resolved. Also, if unresolved, the whole site will be dead in the water.

➢ **Notes:** It appears that it will be $30 per month per admin user to publish the site. Currently, there is only a need for one admin user.

ACTION ITEMS

1. **Finish Lesson Cleanup.** Yes we know this is taking forever-and-a-half. We think this will be done this week.

2. **Work on AP CSP.** Research into exactly what can be borrowed from the computer science for non-majors course at VCU is ongoing and we hope the combination of lessons from that location on top of the lessons we have previously created can cover most of this project. There should be about a week of dedicated work on this before our next meeting.

3. **Continued work on Cityscape Project.** Seth has been making great progress on this since the feedback was received from Perry and we feel we understand where to go with this project. It is just a matter of getting the work done.
   a. Current work here:
      https://docs.google.com/document/d/1PwK0dlz0wpEVpr1SzH-5-uaID26eEuH_BhzLWeh3fkI/edit?usp=sharing

4. **Dissemination Space.** We are still in the stages of deciding exactly what to do with the back-end. This project will take some amount of planning before we are able to build a product. We are working on a model now.

NEXT MEETING'S AGENDA

● **Next meeting** will be scheduled for us on **3/13/2020 at 10am** unless we hear otherwise.

● **Check on progress of projects.** We expect the lessons to be fully cleaned and hope for you to find them satisfactory. We already have a large

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amount of progress on the Cityscape Project and hope more is done by the next meeting. We will likely need clarification on how you feel the beginning of our implementation of the Dissemination Space is going.