**Spring 2020 Educycle Website Project Requirements**

**Functional Requirements**

1. Upon start up the user should be greeted with a welcome screen
2. Create forms for the following:
   1. Apply for receiving reconditioned computers from EduCycle
   2. Sign-up for Reconditioning sessions
      1. User can decide the location of reconditioning session
      2. State how many students are participating
   3. Apply to volunteer for a reconditioning session
3. Should show a calendar of upcoming events (Could be reconditioning sessions or miscellaneous events)
   1. Should be connected to something that can be updated easily by the person in charge
4. The system should provide an overview/explanation of what the program has to provide
   1. Types of Computers (or tech) that can be donated
   2. Descriptive explanation on how reconditioning sessions are set up and what to expect
   3. Describe how students could benefit from this program
5. The system should provide a follow-up email with their registration and emails about upcoming events (if they subscribed)
6. Website should have Towson’s Logo (program hosted by TU)
7. Website should have EduCycles Copywrite logo (get permission from supervisor)
8. Request for computers should be emailed/sent to the EduCycle Email
9. Have a location on the website for person-of-contact
10. Have a page that shows the Founder and Co-Founder
11. Connect a MySQL database for EduCycle inventory (Will use a small sample for now)
12. Create a Q and A section for the website with common questions received
13. Should allow TU Student Employees to view application of the client
14. Should allow TU Office of Technology Services Staff (should be 1 or 2 people) to have master control of site
15. Website should be eye appealing not only to Teachers, but to parents and students as well
16. The system should be able to work on computer devices as a priority and eventually will work on mobile devices
    1. (Future, on mobile) The system should show the time, battery life, and wifi/cellular signal on the top of the screen

**Non-Functional Requirements**

**Product Requirements**

* Performance Requirement - Fast response time for user
* Space Requirement - The system will take little to no space since it is web based
* Usability Requirement - User should be able to use the website with a basic internet connection
* Ease of Use - The system should provide a number of help options for different functionalities of the system
* Portability Requirement - A large number of devices will be able to use the system at once

**Organizational Requirements**

* Delivery Requirement - Entire functioning prototype will be delivered by expected due date
* Implementation Requirement - The system will be integrated into a website directly affiliated with HTHL

**External Requirements**

* Security Requirement - The system shall not share any private information about the user except to the parties involved in their performance
* Privacy Requirement - The system shall include privacy terms that let the user know what you should and shouldn’t be doing on your account
* Ethical Requirement - The system shall not use any user’s information for anything besides the described uses of the application

**Constraints**

**Design Constraints:**

* Platform - Mobile Devices and potentially website use
* Technology - Languages, database, licenses

**Commercial Constraints:**

* Development Process - We will be implementing the SDLC model
* Cost is TBD but attempting to be $0
  + Cost for hosting, 8.99/year
* Delivery Date - On or before May, 1st 2020