Project created on 09.09.2016 00:08.

Report for project Senior Design

Task created on 03.02.2017 02:44.

No due date

🖳 Finalize Mockups/Workflow

We will be creating detailed layouts of our website for every possible page that a user can visit before we begin implementation of the website.

Task tags: *No tags*

🖾 Student Account Flowchart *[Student_Account_Flowchart.JPG]*
Uploaded by Yanlin Ho on 03.02.2017 06:25.

💬 Comments for result Student Account Flowchart

Yanlin Ho on 03.02.2017 at 06:27: This flowchart shows our plan for the navigation flow of the student accounts. Since many of the students have developmental disabilities, we aimed to decrease the number of pages, keep formats of pages as similar as possible, and keep the flow linear. The mockup designs of each of the kinds of pages can be found in this report

🖾 Login Page *[Login_Page.png]* Uploaded by Yanlin Ho on 03.02.2017 06:19.

💬 Comments for result Login Page

Yanlin Ho on 03.02.2017 at 06:22: The feedback from the teachers indicated that they thought it would be a good idea for the teachers and students to have set accounts. There is also an option to use a "guest" account if the user decides not to login to an account. The teachers also indicated that while they can login through traditional username and passwords, it maybe better for the students to have a picture or similar as their profile

🖾 Student Home *[student_home.png]* Uploaded by Tong Yu on 03.02.2017 02:47.

💬 Comments for result Student Home

Tong Yu on 03.02.2017 at 02:48: Upon signing in as the student, this is the first page the child will see. The title of the website will be shown at top. There

will be buttons leading to four specific activities: Songs, Videos, Games, and Stories. The buttons will be uniformly circular as well as uniformly distribted on the same line in order for easier view and less distraction. The original fifth button---the settings option---will not be included in the same line. Instead, it will be a separate button on the very bottom right corner with a smaller dimension.

🖼 Activity Plan Mockup   *[Activity_Plan.png]*
Uploaded by Carlie Abraham on 03.02.2017 02:54.

💬 Comments for result Activity Plan Mockup

Carlie Abraham on 03.02.2017 at 03:06:   An activity plan is a scheduled set of activities (set by the teacher) that the children complete on their own time. The client mentioned that many times a student will fixate on a single activity, and so the teacher is needed to make the student go on to the next activity. This feature will make it not necessary for the teacher to make sure every student is on track. It will automatically move the student on to the next activity once their time is up.

Carlie Abraham on 03.02.2017 at 03:08:   It was important to keep the layout very simple to minimize distractions for the students. We wanted to keep all icons large so that it is easier for students with motor disabilities to interact with the website.

🖼 Activity Menu   *[activity_menu.png]*   Uploaded by Tong Yu on 03.02.2017 02:47.

💬 Comments for result Activity Menu

Tong Yu on 03.02.2017 at 02:50:   This is the Activity Menu. Upon selecting a specific category (either Songs, Story, Video, and Games) from the homepage, this next page will be displayed so that the user can choose a specific activity within the category. On the left will be the list of categories, so they can switch from one to another easily without opening a new window. The current category will be highlighted. This current category title will be displayed at the very top of the center page. There will be an image corresponding to each option, and a scroll bar is included on the right for easy navigation.

🖼 Activity Menu 2   *[activity_menu2.png]*   Uploaded by Tong Yu on 03.02.2017 02:47.

💬 Comments for result Activity Menu 2

Tong Yu on 03.02.2017 at 02:54:   This is the same as the first Activity Menu, but the user setting has been changed so that more options may be displayed. The client found our original mockup with the multiple buttons (in a large square) too crowded. Therefore, we have spaced out the buttons more

and spread it out over the page, which can be scrolled down again.

🖼 Songboard Menu Mockup   *[Songboard_Menu.png]*
Uploaded by Carlie Abraham on 03.02.2017 02:55.

💬 Comments for result Songboard Menu Mockup

Carlie Abraham on 03.02.2017 at 03:10:   The client wanted to have one concise place for songboards. A songboard is a selection of songs that students like to listen to during their leisure time. RIght now they use powerpoint as a place to store links to the students favorite music, but we wanted to make it easier for teachers to access their songboards on the web.

Carlie Abraham on 03.02.2017 at 03:14:   This webpage will list all of the songboards the students have access to. For example songboards can be made for all genres of music. The student will click on their preferred playlist of music, which will take them to a menu will all of the songs listed in that songboard.

Carlie Abraham on 03.02.2017 at 03:16:   We decided that the default amount of songboards shown on a screen will be 6. This is to keep button size large so students with motor disabilities can have an easier time interacting with the webpage. Additionally, because most students with reading, the songboards will be represented by large pictures.

🖼 Interaction Mockup   *[Interaction.png]*
Uploaded by Carlie Abraham on 03.02.2017 02:55.

💬 Comments for result Interaction Mockup

Carlie Abraham on 03.02.2017 at 02:59:   This has been the finalized mock-up for an interaction page. We will use an interaction as a general term for a game, music video, story, or other activity that a child can do on the website.

Carlie Abraham on 03.02.2017 at 03:03:   When we received feedback from our client, she said she did not want a lot of distractions on the interaction page, as that can prevent the children from completing the activity. Additionally, we wanted the minimal amount of buttons on the screen. The only two necessary buttons we wanted were the back button and the home button. We decided to not add any menu options (such as to go to another interaction page) because of the distraction that might cause.

✳ Brainstorming Teacher Mockups   Created by Carlie Abraham on 03.02.2017 03:26.

We wanted to begin mockups for the user interface for teachers. Teachers will have a few actions they can perform. They can 1) set up activity plans for the children, 2) set up songboards, 3) choose which games children can play, 4) pick videos children can watch, 5) pick animated stories children have access to, and 6) set settings for website layout.

We have started to create a workflow for all of these activities the teacher can

perform. However, we came across a few roadblocks that we need to overcome before finalizing the mockups and workflow.

First, we have the question of how much customization the teachers will want over website layout, and whether the customization should be individualized per student, or set for the entire class. For example, this comes into play in the activity builder and settings activities the teachers have access to. The activity builder is used to create scheduled activities for the student. Our two options for this was to allow the teacher to set activities by class, or per individual student. Additionally, we want the website to have a customization layout in order to suit children with different needs. This comes into play when setting the background color scheme, and other user interface details such as the number of activities displayed on the page. We are unsure whether it is best for the teacher to have complete control over these settings, or whether some of this control should be handed to the student. Additionally, we are unsure whether the teacher would want to set these options by class or per individual student. We have contacted our client about this, and we hope to receive feedback soon. After which, we should be able to finalize our mockups for the teacher's user interface and proceed with stage 1 of our implementation.