

Project 3 – Children’s Apps

Description: Project 3 will be to create an app for children between 3 and 6 years old. The app will focus on teaching children, the users, to develop their speech through graphics. For example, you can create an app where children can learn numbers, colors, simple words, places, animals, etc., in English and/or another language. The application must have the following features:

- The user can choose between two different learning skills. For example, to learn numbers and colors, or to learn a new language and different animals.
- When the user chooses the learning skill, the topic must have 10 selections. For example, if the user chooses to learn number, the user can see a list of numbers from 1 to 10, and when the user clicks on a number, it will show a photo of each number, how to pronounce it, and how the numbers are written in English and/or another language.
- Also, you should use a primary color with its darkest and lightest color or apply a secondary color. Remember that white, black, and gray are complementary colors and do not count as primary or secondary colors. The colors applied in project 3 should be primary and/or secondary colors, and some complementary colors. Other colors are not allowed in the App.



To complete the App for kids requires the application and manipulation of the HTML and CSS skills learned in class. All elements in the App must work properly. The requirements and grading for project 3 are:

Items	Points
App header: title and logo	5
CSS styling to text and images: padding, margin, text-align, font-size, color, background-color, etc...	7
Navigation tab (internal and external links)	5
Social media, contact, and footer information	8
At least <u>two</u> image manipulation (image with text in front of it; apply some of CSS properties such as filters, box-shadow, border, etc.)	10
At least <u>two</u> CSS animation	10
At least <u>one</u> slideshow: only text, only images, or text and images	5
Modal window	11
Collapsible or accordion	11
Flip cards	11
The above requirements (modal window, slideshow, collapsible or accordion, flip cards, animation, etc.) MUST be applied to at least two learning skills	10
Use primary and or secondary colors as mentioned above	7
Extra points: add audio to each learning skills. More information on how to implement HTML audio https://www.w3schools.com/html/html5_audio.asp	10
Presentation and organization of the elements within the App (User Experience and User Interface, UX/UI)	20
Project 3 Draft: check during class	10
Submission on time	10
TOTAL POINTS (140 points + 10 points extra)	150