

Escaping Cow was developed and updated carefully to meet the assignment specifications for class ITIS 3135 of Fall 2021. There are 2 JQuery plugins implemented to meet the requirements and the purposes of the website. The Textillate plugin is used to add animations to all page titles and the navigation bar on the homepage, creating an enjoyable and friendly experience for the users. Dynamic quiz plugin is used to generate an interactive quiz interface for the main game on the website. It is also heavily modified so that the questions can be randomized from a pool of questions every time the quiz is run. On top of that, JQuery-UI Accordion is used to create an interactive drop-down list for the FAQ section of the website, making the interface modern and easy to use.

The web page also satisfied some Principles and Guidelines for WCAG listed below:

- The website is Distinguishable:
 - Use of color: Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
 - Contrast (Minimum): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, with some specified exceptions according to the guidelines.
- The website is Navigable:
 - Page Titled: Web pages have titles that describe the topic or purpose.
 - Location: Information about the user's location within a set of Web pages is available.
 - Link purposes (In context): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.

Upon receiving the feedback from 2 peers with mixed responses, the website has been updated accordingly. The first peer responded with multiplied critiques, but most of them are early developing problems. Unnecessary pages have been removed and the initial proposal has been updated accordingly. More information, text content, and grammatical fixes have been administered according to the feedback.

The second peers responded with positive thoughts and only had one suggestion on the homepage. The two buttons on the homepage have been reduced in size and reoriented to fit the suggestions. To keep the page uniformly designed, all buttons on all pages are also reoriented.

With the final version of the website, I'm very happy and confident with the result. The website satisfied the clients' needs for a way to practice Python and an interface that fits younger users. In the future, the website will be updated to have a static Domain and uploaded to a dynamic server, with more games implemented and more serious designs so that it can become a highly leveled designed website. The website aims to be used widely across the internet.