

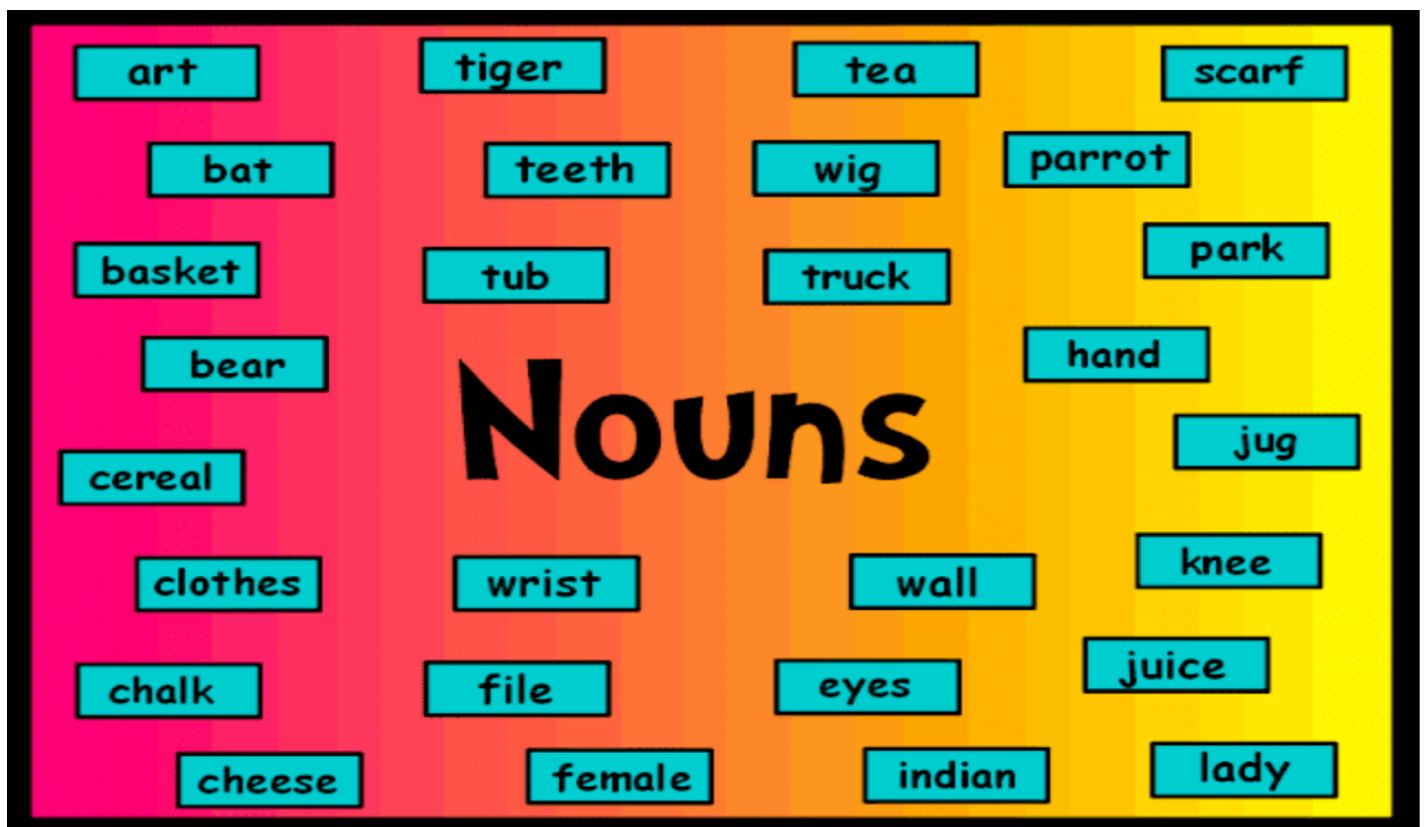
PROJECT 1 – GROUP 3

Nounify

October 29, 2019

PROJECT PROPOSAL V. 1.0

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Objective:

To create a simple application targeted to children and ESL learners to enhance their ability to identify nouns in any piece of text. The user can opt for “Nounify” or “Quizify” to work on their knowledge of the English noun.

Nounify will take any piece of text inputted by the user and identify and highlight all the nouns in the text. Clicking on each of the highlighted nouns will also display a picture/icon of the noun to assist the user in comprehension.

The application will also include an option for the user to play a game (“Quizify”) related to the identification of nouns (prompted with pictures) that will hold the user’s score as a percentage and save it to local storage – the particulars of which are still under consideration.

Architecture (to be confirmed in final version)

Project will be deployed with the objective of a single page in mind, employ show and hide logic depending on whether the user chooses the Nounify option or the Quizify option. The frontend of the application will be built with a combination of HTML and CSS.

To manage user input, the developers will use JavaScript and jQuery frameworks to control the view logic of the page.

The following APIs will be used in the application:

1. Owlbot – will be used to evaluate nouns within the user input;
2. Noun Project – will be used to convert nouns into icons and animations;

The user experience will be akin to using a single-page application that will toggle based on their input.

Project Management:

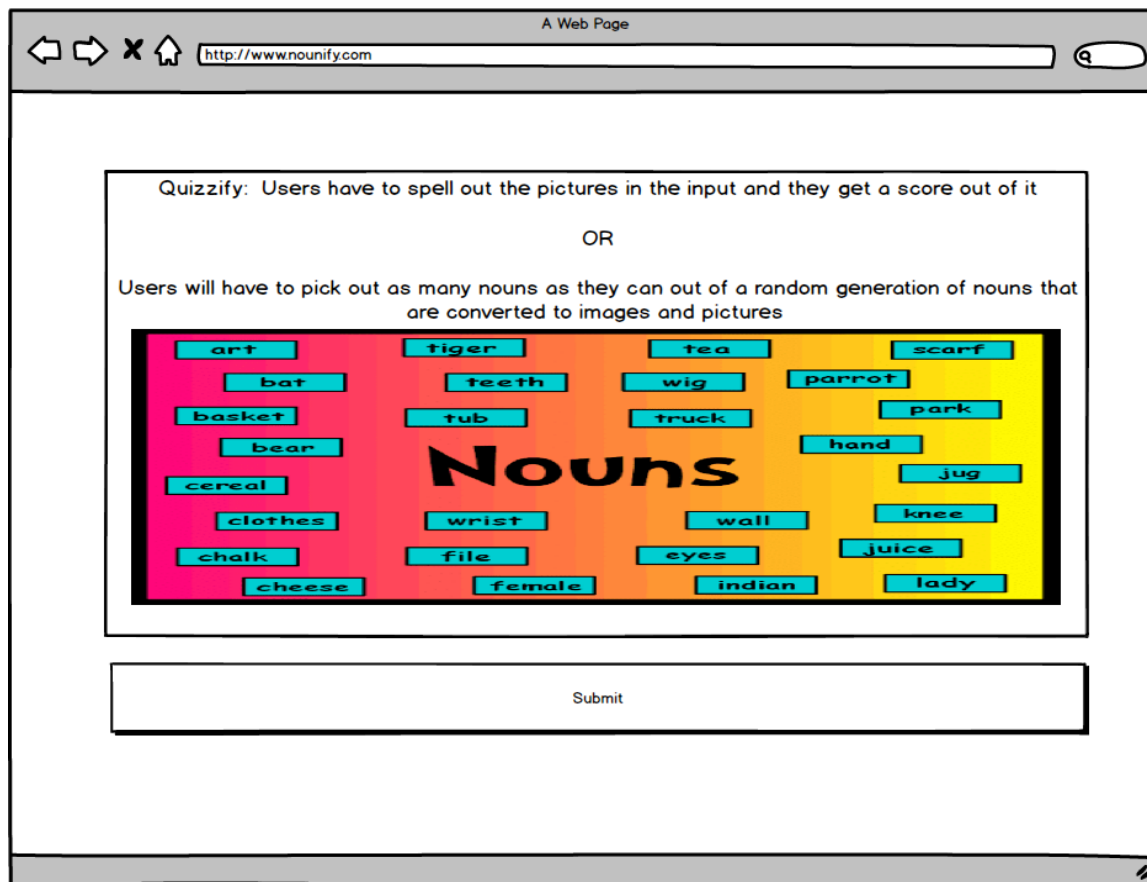
The development of this application will be version controlled via GitHub. The GitHub repository has been set up with review rules in place to have the repository administrator as well as an additional repository collaborator approve any code merges to the master branch.

Additionally, the development team will manage their various tasks via GitHub Projects to seamlessly connect their development tasks with the actual repository.

Sample Wireframe:

Alternate View 2- Quizzify *

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Hosting information:

Nounify is hosted on GitHub pages, accessible at: <https://ninjagirl2018.github.io/Nounify>