

Team 16

Dragon Drop

Team Members:

Ancil Trent, Brandon Xu, Charlie Hyun, Lucy Cheng, Mark Lim, Sarah Mi

Problem Statement:

Today having a website for your business, product, or personal portfolio is vital, but hiring a web developer can be costly and learning how to do it on your own can be too difficult for most people. Dragon Drop seeks to provide an alternative solution: basic web design that can be done by anyone. Users of Dragon Drop will be able to create stylized HTML and CSS based web pages without ever having to look at code. Unlike competitors, Dragon Drop will also provide additional scripting tools for people with web development experience who want to simplify their front end development.

Project Objectives:

- Create a website builder that is more accessible and technical than existing applications
- Implement a drag and drop feature which allows users to easily design and add features
- Allow users to create profiles to save their websites and progress
- Maintain database of websites created by the user

Stakeholders:

Users: People and/or businesses that want to make their own website with little to no programming requirements.

Developers: Ancil Trent, Brandon Xu, Charlie Hyun, Lucy Cheng, Mark Lim, Sarah Mi

Project Manager: Jean Watts

Project Owners: Ancil Trent, Brandon Xu, Charlie Hyun, Lucy Cheng, Mark Lim, Sarah Mi

Deliverables:

- A React JS frontend design that provides the UI for users to customize their own webpages
- A Node JS backend that dynamically creates HTML/CSS scripts as well as variable scripts
- A scripting utility that allows users to directly edit scripts linked to customizable features
- Components that can be personalized
- Components can be dragged and dropped to any desired location
- A login system that stores current/past website projects