

Executive Summary: Bossy UI

Goals:

Bossy UI is a collection of lightweight web widgets that designed to be clean, simple, and free of charge. Bossy UI widgets allow for fast, dynamic web pages, that can easily communicate with other tools.

Competition:

There are a number of web widget libraries currently in existence. The current offerings however, do not provide an option for a library of widgets that meets the goals of Bossy UI. Most of the widget libraries rely on several technologies such as CSS, Bootstrap, JQuery or many others. JQuery in particular is very rich in features and commonly used, but it is also much slower than other technologies available. Additionally, none of the current options are both free and Open Source.

Open Source:

Open source software like Bossy UI is conceived by a handful of developers, but is added to and refined by thousands of developers. Since the code is available to anyone, the project maintains the highest degree of customization possible. The barrier to entry for open source software is also almost nonexistent. New users are able to pick up and try the software without investing in an unknown product.

Solution:

Bossy UI aims to achieve the same functionality and aesthetic appeal as the best web libraries available while being both free, and Open Source. Additionally, since Bossy UI is designed to be free of needless dependencies, it is faster, and easier to deploy than its predecessors.

Verification:

Software verification is achieved through unit testing. The testing suit is composed of the Jasmine testing framework and the Karma test runner, and all 22 tests are currently passing. The software also undergoes inspection by a senior developer before being included into the formal repository.