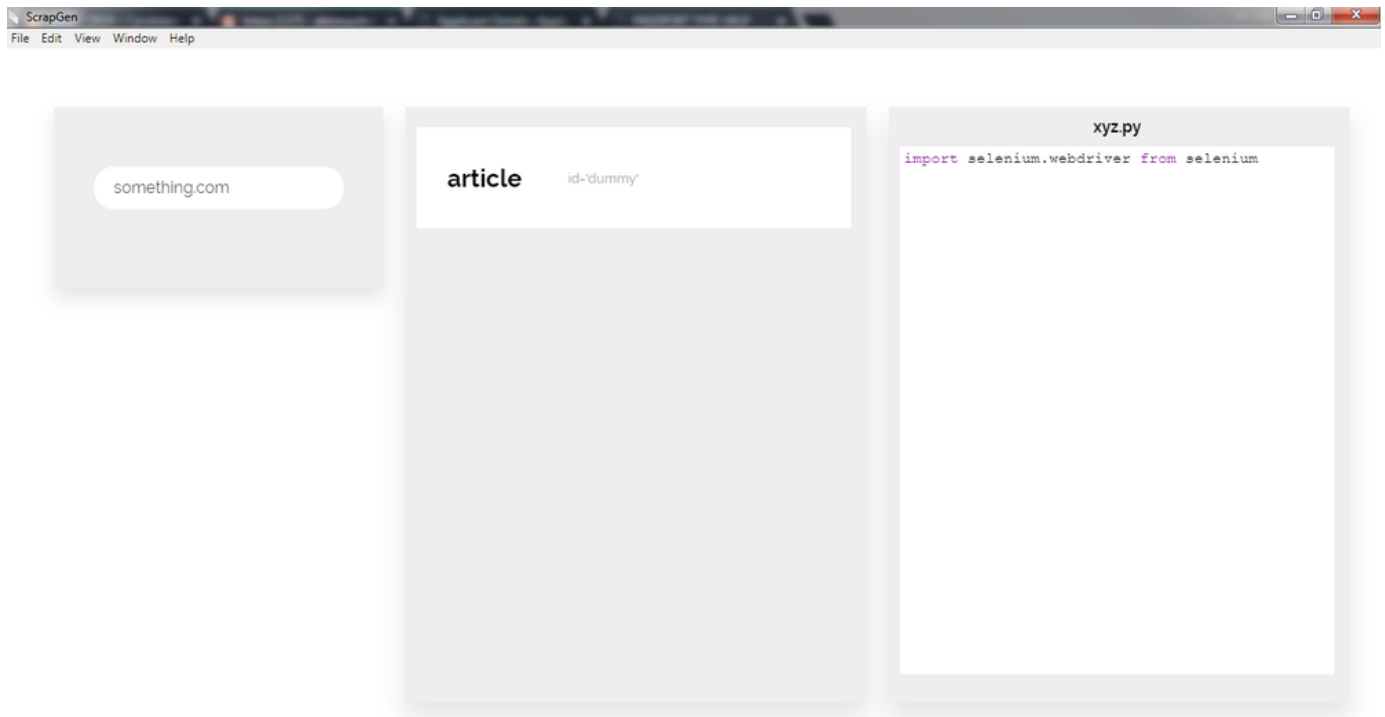


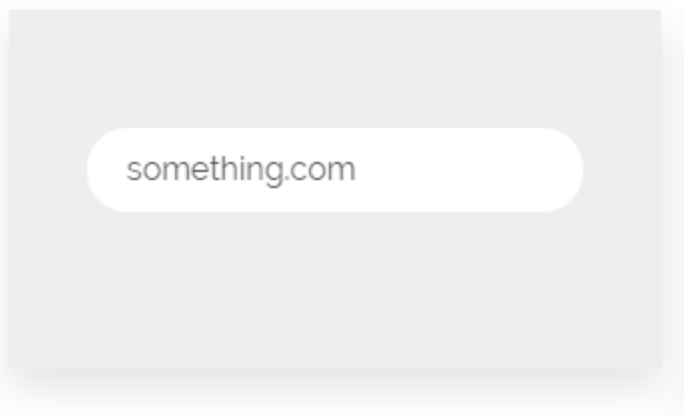
ScrapGen UI Document

Main

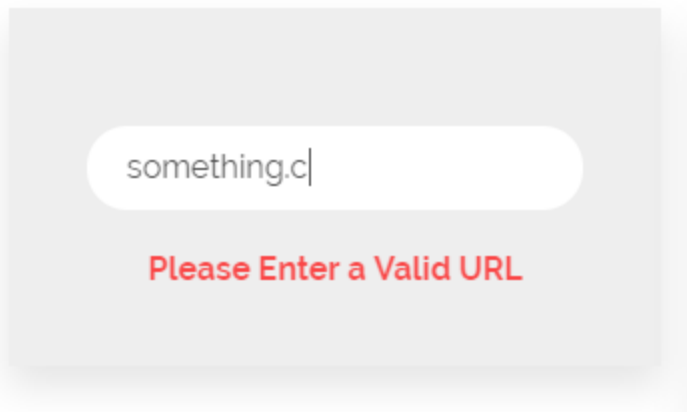


- The app is single paged.
- It contains 3 containers namely: URL Input, Display Area & Generation Area

The URL Input Box



- Consists only of an input element to enter the URL for the website to be scraped.
- The user will start the usage of the application from here.
- The URL Input box will display an error message if the entered URL is invalid in any way.



- Once you have corrected the URL, the message will disappear.
- User can press the "Enter" key to submit the URL for being scraped.
- Since the application is only made for PC's the URL input box won't work on mobile devices.

The Display Area

article

id-'dummy'

- This is the area where user will interact with the DOM elements of the web-page to be scraped.
- The area is empty when the app loads.
- As soon as the user presses the Enter key the DOM elements of the entered URL will be loaded on the Display area in form of buttons.
- These buttons are clickable.
- The buttons display the heading/name of the HTML element.
- The buttons also display 3 of the attributes of the HTML element, such as "id", "class", "src" (for image elements) and so on.
- On clicking any of the buttons, respective script to parse the clicked element is inserted in the Generation Area.

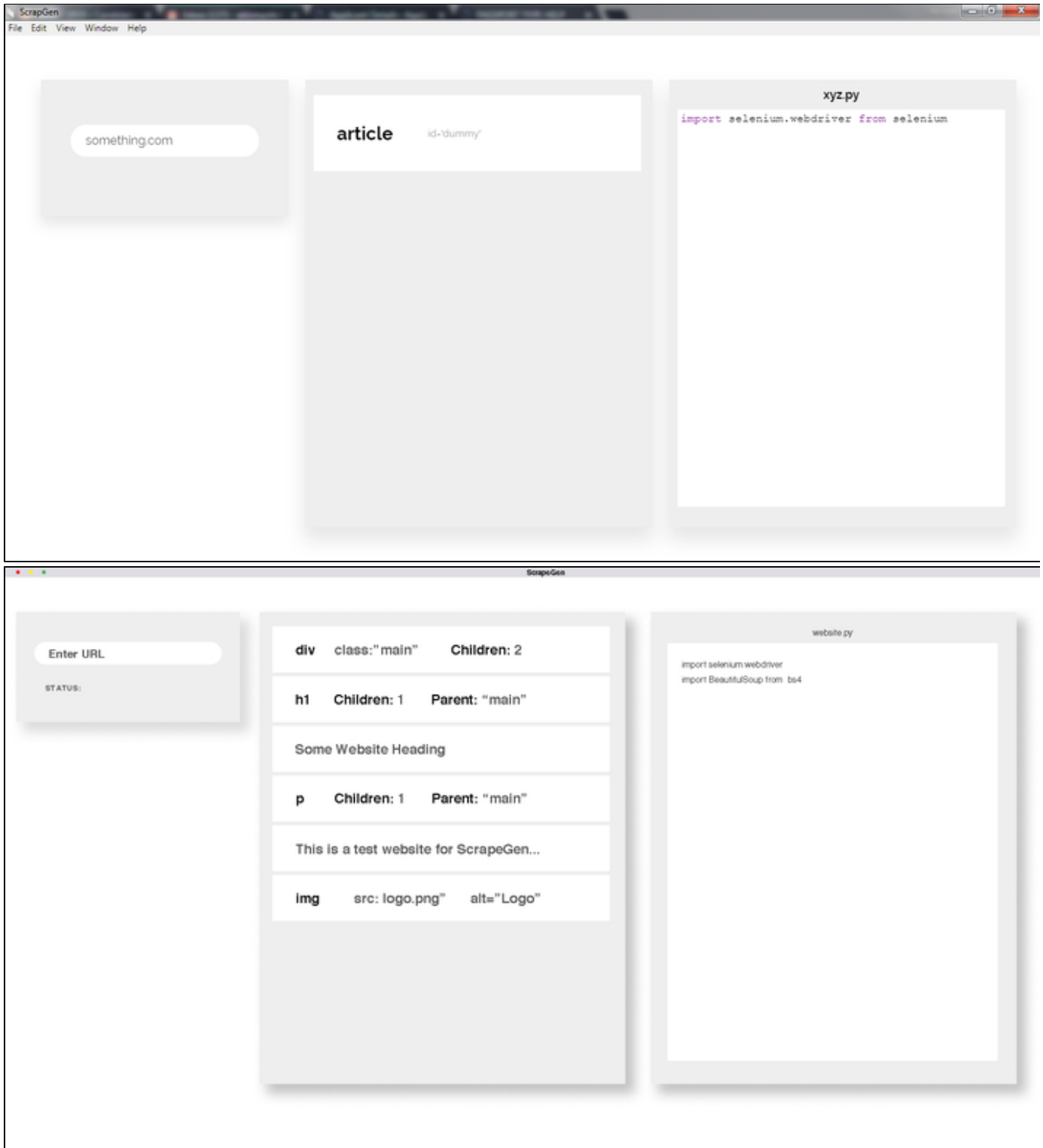
The Generation Area

xyz.py

```
import selenium.webdriver from selenium
```

- This is the area where the script is generated.
- The script generated is editable
- The editor is embedded using the CodeMirror Tool.
- The script for each HTML Element will be followed by a comment which tells about the name and type of element.

Comparison with the UI Desing in Requirements



- The STATUS element in the input box has been removed and the error indicator has taken place in it's stead.
- The formatting of the buttons in the Display Area is changed from the UI Design.