Grammarly

Mocks

Input Box   Upload

Text Box

C:\Users\ak\Desktop\test.txt   Upload

Lives of graet men all remind su.
We can meka our lives sublime.
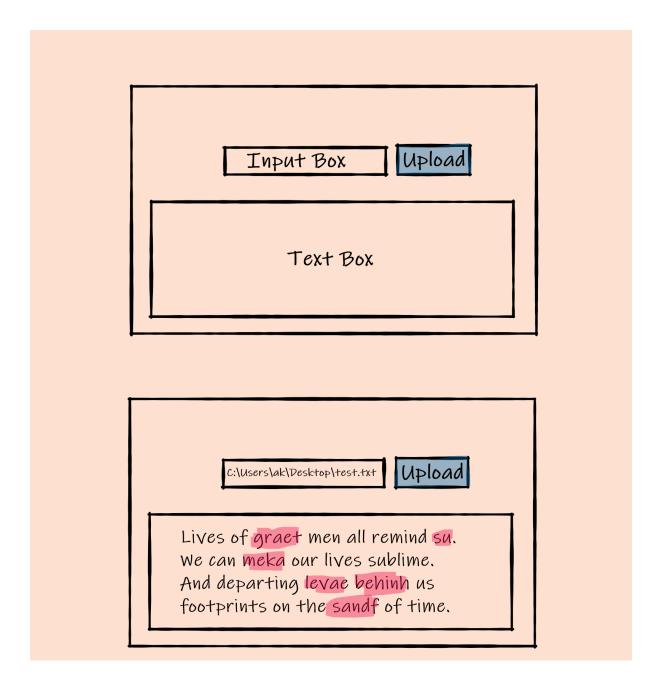And departing levae behinh us
footprints on the sandf of time.

Requirements

1. On upload of a file, read the file content and display it in the text area.

2. Process the text content and carry out a spell check for every word in the file content.

3. For every word where there's a typo, highlight (or underline in red) the word in red colour.

4. On right click of this highighted word, provide a custom menu which has suggestions in it. On click of any suggestion, the faulty word should be replaced by a right one.

5. Host your project on Heroku.

Submission

1. Upload your code on GitHub. Keep pushing commits throughout the day for us to track progress.

2. The hackathon will run from 10 am – 5 pm. Any commits after 5 pm will not be considered for evaluation.

3. Finally, you need share with us your GitHub as well as Heroku link for the project on or before 5 pm.

4. In case, you are not able to host your project on Heroku – please record your localhost screen covering all the steps. You can upload this video and share the link with us. You can also be asked to give a live demo, please keep your webapp up.

5. This is not a group hackathon, each one of you must submit is individually. However, it is fine to ask for help from peers and provide help. Use slack for visibility.

Evaluation Criteria

1. Each item in the requirement section has some points associated with it. If you complete that functionality, you get the corresponding points.

2. We will have checkpoints through the day to track the progress and drop hints where needed.

3. Apart from completion of functionality, you will also be judged on the performance of your app. Hence, think of places where you can optimise the spell check processing.

4. We will also evaluate your code quality and approach while coding.

Hints

1. There are multiple API's available to check spelling mistake. One such API is: https://textgears.com/. Create an account here, use this API to check spelling mistakes in the file content. We also have an API key that you could use to avoid registration. Ask Alok 😊

2. Use slack as much as you want. Ask questions if you are stuck! Let us build this together.