Open-Source Task #3 (Web Development)

- Authored by Aravind S

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1) create an English Dictionary using Django.

Get introduced to Django and make an online English dictionary with beauty soup or other similar python packages or APIs. Make the User interface unique and add other relevant features.

RESOURCES: https://dev.to/madhubankhatri/create-a-dictionary-app-using-django-and-beautifulsoup-5gd5

https://www.youtube.com/watch?v=B_6sHiUMvpc

2) Use ReCaptcha to authenticate the Log in Page.

Spamming messages in a public comment box using a bot is a Nightmare for the Admin. But it can be fixed by adding reCaptcha provided by google. This API does not allow bot spamming. Make a comment box in your web page (can use from task 2) and add recaptcha to your login page.

Reference: https://www.bronco.co.uk/our-ideas/how-to-add-google-recaptcha-to-a-form-phphtml/

https://www.youtube.com/watch?v=VSWM5TqE3uc

3) Create a web application that helps us maintain a to - do list.

In this busy world, time management is really important. Make a web app that has a text field which gets the input and puts the info in a note pad. Also add some features like striking down the info after completion or deleting it, changing colors when near to deadline or according to priority, etc... Also add other feature that are unique to you.

Reference: https://www.w3schools.com/howto/howto_js_todolist.asp
https://www.youtube.com/watch?v=bivmcufOJ34

4) Create a Quiz app with a timer.

Monica and Rachel are betting their apartment against Chandler and Joey because the boys say that they know better about the girls. Now Ross has to prepare a Quiz that involves categories and Questions related to both the Boys and Girls. Now help Ross by making a quiz app with a timer.
Add features like selecting the categories and also accumulating points. Make it like a competition against two teams.

Reference: https://dev.to/codingnepal/create-a-quiz-app-with-timer-using-html-css-javascript-55lf

https://www.youtube.com/watch?v=riDzcEQbX6k