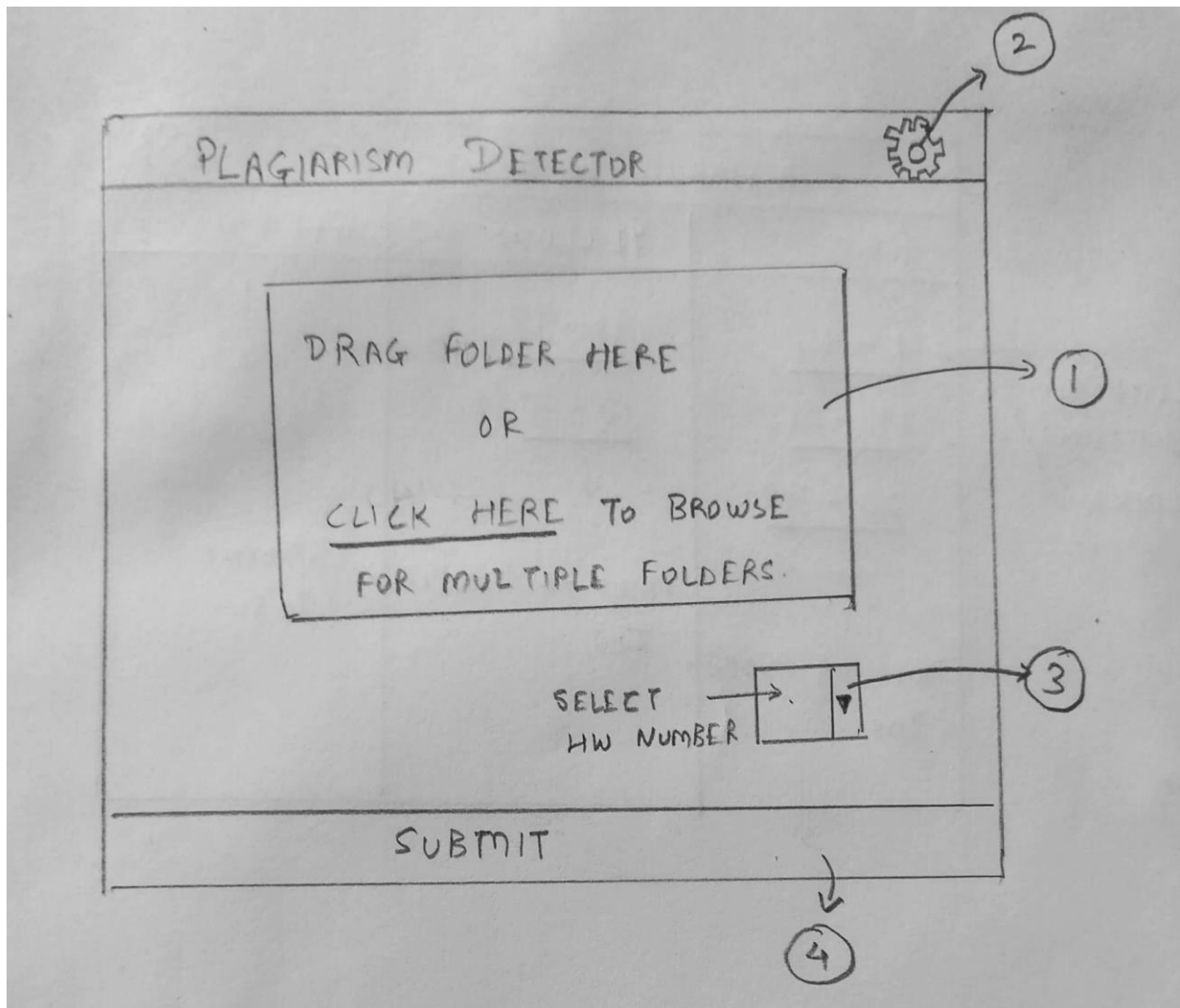Plagiarism Detector mock up

Version -1.2

Date:- 02/02/2018

Home page:

This is the very first page user will see when he visits the link of our web application.

1) There is a jumbotron where in s/he can drag and drop the folders which are to be scanned for plagiarism or browse in the local disk to add multiple folders to detect plagiarism.
2) Clicking on this button will open a settings page by which the user can alter default settings.
3) Clicking on this drop-down button, the user can select the homework number s/he wishes to be scanned. Eg HW1, HW2 and so-on.
4) After clicking on the submit button, the user will have to wait for a while for the application to scan all the files in the folder and then user will see the Results page.

Results page:

The results page will show the following three categories of submissions.

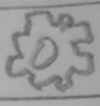RED – which refers to pairs of student ids with high probability that they have plagiarized among them.

YELLOW - which refers to pairs of student ids with moderate probability that they have plagiarized among them.

GREEN - which refers to student ids that have very low or no probability of plagiarism.

The student-id pairs are clickable elements.

Clicking on the student-id pairs will route the user to analysis page.

Analysis page:

PLAGIARISM DETECTOR

STUDENT-ID .....   STUDENT-ID .....

int x = 5×10;   int a = 10×5;

int y = 4%2   int b = a%2

REVEAL NAMES | SAVE REPORT | SEND EMAIL

① ② ③

This page displays the comparative view of code patches between two students which seems to be similar.

1) Clicking on this button, there will be a prompt asking the professor to enter his user credential. On successfully entering his/her credentials, the professor will be able to view the names of the students corresponding to the student id. This facility will not be provided to the TA's.
2) Clicking on this button will generate a report document as per the user's needs which will be helpful to him/her to report this suspected case of plagiarism and saves it in the local hard disk.
3) Clicking on this button, there will be a prompt asking the professor to enter his user credential. On successfully entering his/her credentials, the professor will be able to send the report generated to OSCRR. The TA's can only send the generated report to the Professor and not OSCRR.

4) Using mouse, the user can hover on the lines of code to see this reason for deeming that part of the code to be plagiarized.

Send email page:

Using this page, the user can send report to register a case of plagiarism with OSCCR.

The professor will be able to send the email of the report to OSCRR and the TA's will be able to send the email of the report to the professor.