DES (Dynamic Education System) using oneDNN

Team Name : Fire starters

Team Members : Vivek Kumar, Priyanshu Saxena, Yashvi Chandola,Kirti Mishra, Anjali Rawat

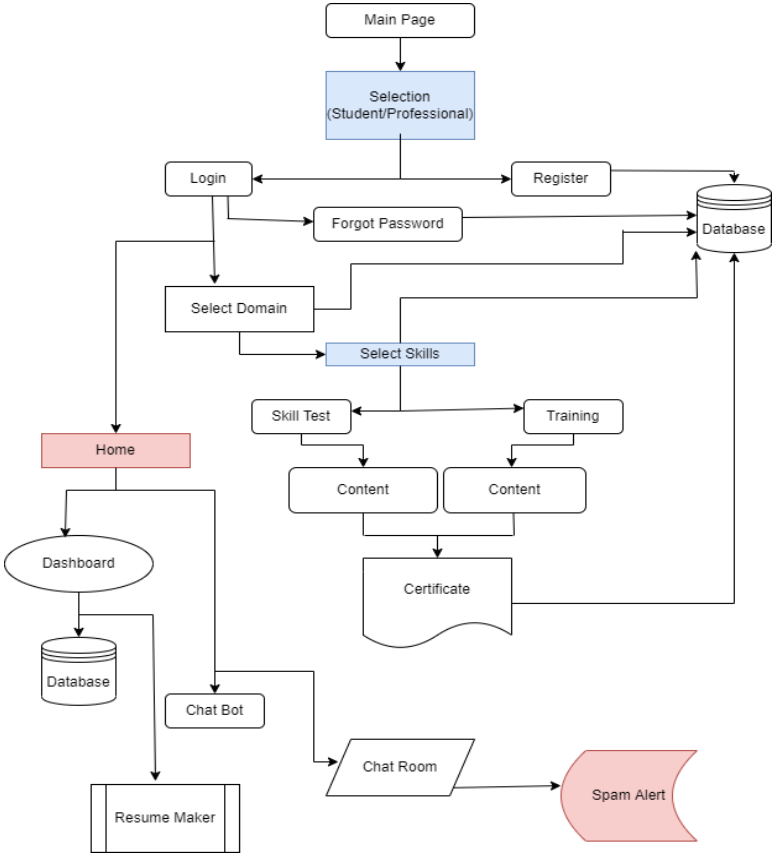
Problem Statement

(OPEN INNOVATION IN EDUCATION)

As we know during the hard time of corona, online education came to play. But with emerging of technology , a lots of content makers came to play due to which it became very hard for students to reach the best content and get good knowledge about a perfect domain.

A large buzz of contents is present on web, due to which no one is able to bifercate best content as due to competition everyone is claiming their content to be best.

Architecture of the project



Core components of oneAPI/SYCL used in the project

- oneDNN (Deep learning library)
- This library is used in order to create a full progress analysis and get whole content bifercated according to the level declared by oneDNN and deep neural network analysis.

Demo Video/Live Demo
Please elaborate oneAPI/SYCL usage

Full project presentation video along with elaboration of work of oneDNN in our project:

https://drive.google.com/file/d/1-Nt35U7rpc_0VmMRAi_LI-74zb4O4UpS/view

GitHub Link

Github Repo name: Fire-starters-Intel-oneAPI

Github link :
https://github.com/Vivek5456/Fire-starters-Intel-oneAPI

Results Summary

The whole project which we were trying to make , i.e., using web scrapping, AI Bifercation to bifercate the whole crowd present on the web is implemented successfully.

The use of **oneDNN** made our project more effective and even helped us to suggest content according to their activity and progress which was made easily using Deep neural networks and oneDNN.

THANK YOU