



BUILD SOLUTIONS TO  
UNLOCK THE POTENTIAL OF  
HETEROGENEOUS COMPUTING

Team Name : Fire Starters

Problem Statement : Open Innovation in Education

### Brief about the Idea

- We are making a website which will provide the best content related to all the domains(i.e, Technical or non technical) by **Web Scrapping** and **AI bifercation**.
- Our website will reduce the exploration time of the students by providing best material whether free or paid in just one go.
- Our website even contains a **AI Chatbot** and a **Chatroom** which will help students interact with each other and gets to know about their level and real world competition.
- Our website will provide the students will best experts who will definitely clear all the doubts and provide them will satisfactory answers to their queries.
- Our website will help students gain certification whether free or paid and make them boost their profile in a right way and less time.
- Our website even let's students to contribute as experts once they are eligible which will boost their confidence.

## How will it be able to solve the problem?

Our website will reduce the exploration time of students by providing them contents according to experts and **AI Bifercation**.

Our website will help students clear their doubts using **ChatBot** and will even make them having a look towards real world problems through **ChatRoom**.

Our website will help the students gain knowledge and certification from even such platforms which have best content but are not accessible to all.

Our website will reduce the chances of students to get paved towards a wrong learning direction, rather it will surely help them get the right roadmaps.

How different is it from any other existing ideas out there?

## How different is it from any other existing ideas out there?

This is different from other existing ideas as it contains a **Chatbot and Chatroom** which will provide the students with all the answers to their queries which will not be cleared by the experts.

Our website is different from other websites as the other websites believe mainly on promotion and the content provided is mainly based on promotion, but our project is completely promotionless.

Our website provides the content not directly by experts' recommendations, but also by exploring about the content suggested and then implementing it.

Our project even helps students to list out what skills in a particular domain they are expertised in and even helps to gain direct certifications for skills they know by providing them direct access to tests.

This website is an enhancement to the existing technology, which is not associated with any kind of promotions, and will promote that content only which will have a better rating, views or comments ; no matter whether it is from (Youtube, Hackerrank, Internshala , Udemy etc.)

This tool will work on **web scrapping** by gathering information about rating and other related content.

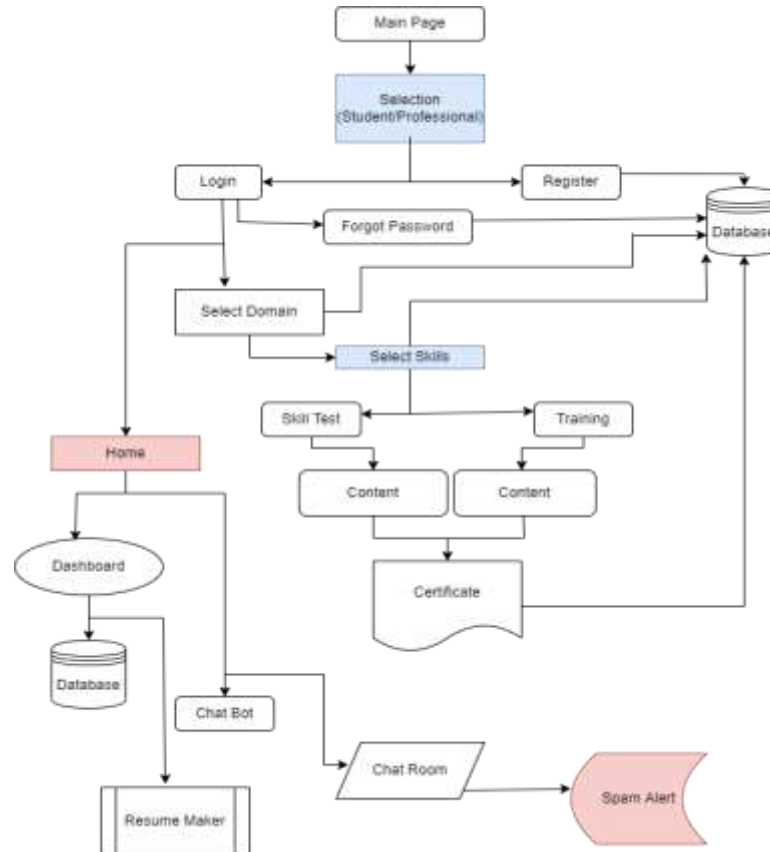
## List of features offered by the solution

- Chatbot & Chatroom
- Experts
- Resume Maker (To make resume according to skills and certifications)
- Best content and roadmaps.
- More time to study rather than to explore.

## List of oneAPI Ai Analytics Toolkits, its libraries and the SYCL/DPC++ Libraries used

- Intel® oneAPI DPC++ Library (oneDPL) is used to install the project in the CPUs and GPUs, if required.
- OpenDNN
- Intel®-Optimized Math Library for Numerical Computing

## Extensive Process Flow Diagram



## Technologies used

- Full stack Web Development.
- Python, Django.
- MATLAB, Figma.
- Database.
- Intel® oneAPI DPC++ Library (oneDPL)
- Cyber Security to help secure the user's data.



## Estimated cost of/after implementing the solution

This website does not contain any maintenance or any other physical cost. The cost is purely dependent on the staff charges and other charges which will be required to be paid to the main technical and management staff of the website.

This is a complete virtual project based with not physical cost.

Max cost that will be required is to host the website ,i.e, (10\$ - 20\$)/yr

**1**  
**oneAPI**  
**<HACK>ATHON**

**THANK YOU**