TEAM CSium

Presents

Coursurf

Coursurf is a web platform, which is an aggregate of online courses from different sites which allows you to find the perfect course which best suits your needs!

Problem Statement

1.We have chosen online learning as our topic –

Its difficult to find an online course which suits your requirement (I personally find it very difficult to find free courses from big companies which provide certificates , I end up going to several websites and wasting a lot of time in just finding a good course) and most of these course providers don't have very interactive classes as well.

We are making it easy for the user to find online courses for learning

Solution workflow

Our site is going to scan all the different course providing sites like udemy, skillshare, Coursera and scrape data from them and display it on our site.We will also monitor aspects like price of the course and number of people who have taken the course and reviews.

When the user come to our site and searches for a particular topic we will show them the most popular courses and we will allow them to filter them out using multiple parameters(Pricing, Educator , Language ,Enhanced rating given by our site , University/company) and we will also provide a brief road map about the topic they are trying to learn.

Once they find the course which they need they will be redirected to the site which the course is from.The link we redirect them to will be an affiliate link.In order for them to go through our link we will be making deals with other site to provide them discounts and coupons

Solution Description

1.Here are some feature we would also like to implement in the product
- Our course scanning algorithm will also scan the best courses on YouTube and provide a streamlined and focuses UI to avoid distractions.
- We will track the price of each course and display it in a graph where the user can find out how the price of the course is varying over time.
- After some searches from the user we will provide a curate list of course which will be personalized and well optimized for them.
- We will be partnering up with School/Universities to provide a curated set of courses
- Eventually when we start producing our own courses we will make it more interactive by implementing chat bots and other reward strategies
- We will also have a testing platform and free material personalized to the topic on which courses he has taken
- We will also have section which shows all the courses the user has completed which he can put on social medias such as LinkedIn.
- We will have a feed where in you can see the courses your friends are taking.

Tech Stack and Requirements

- We will be using HTML , CSS , Java Script , React(Maybe) , MongoDB/MySQL , Python , Php
- We will be using Beautiful Soup for web scraping,Selenium webdriver,and other libraries to make the product
- The tools we will be using are -VS code, PyCharm, ChromeDev tools,Chrome Drive,Git,Github

Feasibility

- Our Target audience will be the people who are looking for a online course
- Will take us about 24hrs to create a working prototype but for the full product it can be deployed within a week(this is with our skill level)
- Yes, the solution is important to the target audience.We did a market research and asked about 20 to 25 people from our university and all of them were facing the same problem and told they would definitely use the website.

References
Here is our Business Model
canvashttps://www.figma.com/file/CI45z6NErD1lXBi
W4uYKSw/Courserf?node-id=0%3A1

For Video
https://drive.google.com/file/d/16-
UNnJPHR1VIF2U4a_anRoW-mTp2CaL-
/view?usp=sharing

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