ADIUVA

Education For All!

(Education Domain)

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Introduction

1.1 Overview

We use many websites or online resources to study but the most important issues we go through in the process is that which resources to choose. They are many websites and apps available many are paid and are very costly which are difficult for the students to afford.

Our product will bridge this gap between students and resources online. We have designed an educational website which provided important courses present in the market for free collected from various resources.

1.2 Purpose

Our purpose is to provide good resources to the students for free or minimal costs. As they are many paid courses available which are very costly and hard for us to afford. We collect courses from all the free resources available to customize it and provide to the users. It starts from course for the prestigious exam like IIT-JEE to various programming courses.

We also have an option where various free courses providers can register and upload their course as well. this will increase their reach and many students will get benefited.

Literature Survey

2.1 Existing Problem

Currently, they are many courses available online but our major problems are:
- Too many resources to choose from.
- Very costly courses
- Often confused which material to refer.
- After studying don't know where to test your knowledge(not many practice exams).
- Many good youtube videos but a lot of time wasted in searching which one to follow.

2.2 Proposed Solution

Our proposed solution will help lots of students and content developers to get their desired outcomes through our portal.
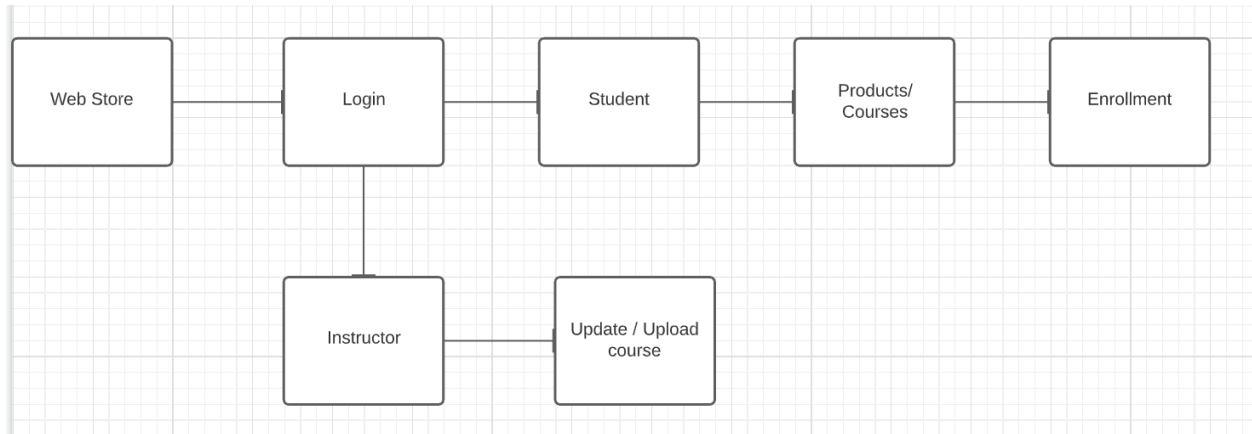The project consists of various features for students like:
- Free resources
- Wide range of material and videos.
- Quizzes and practice test to check your status.
- progress tracker to know how much you have studied

Features for the instructors on our website:
- Easy to use platform
- Updating courses easily
- Very good reach for the content
- You can use your youtube videos in the course content and increase your views.

Theoretical Analysis

3.1 Block Diagram

This block diagram explains the working of our website where the user visits the website. User has to login the website according to your credentials if you are an instructor you have privileges to upload or change the course and if you have the student privileges you can view and access courses and posts.

3.2 Hardware / Software Designing

The design implementation is done using Bitnami WordPress on our local host where we have selected a theme named Gutenwp. We have also used many important plugins like Wp Page Builder, Woocommerece, Yoast SEO, Tutor LMS, UpdraftPlus.WordPress gives a wide range of features to make websites and save a lot of time as we can do customizations to existing functionalities.

We have also referred various resources to collect the relevant information to develop the course content to make it more effective.

After we have developed our website we hosted it using the domain from GoDaddy.The provide best hosting space at a very adorable price and the services are very helpful.
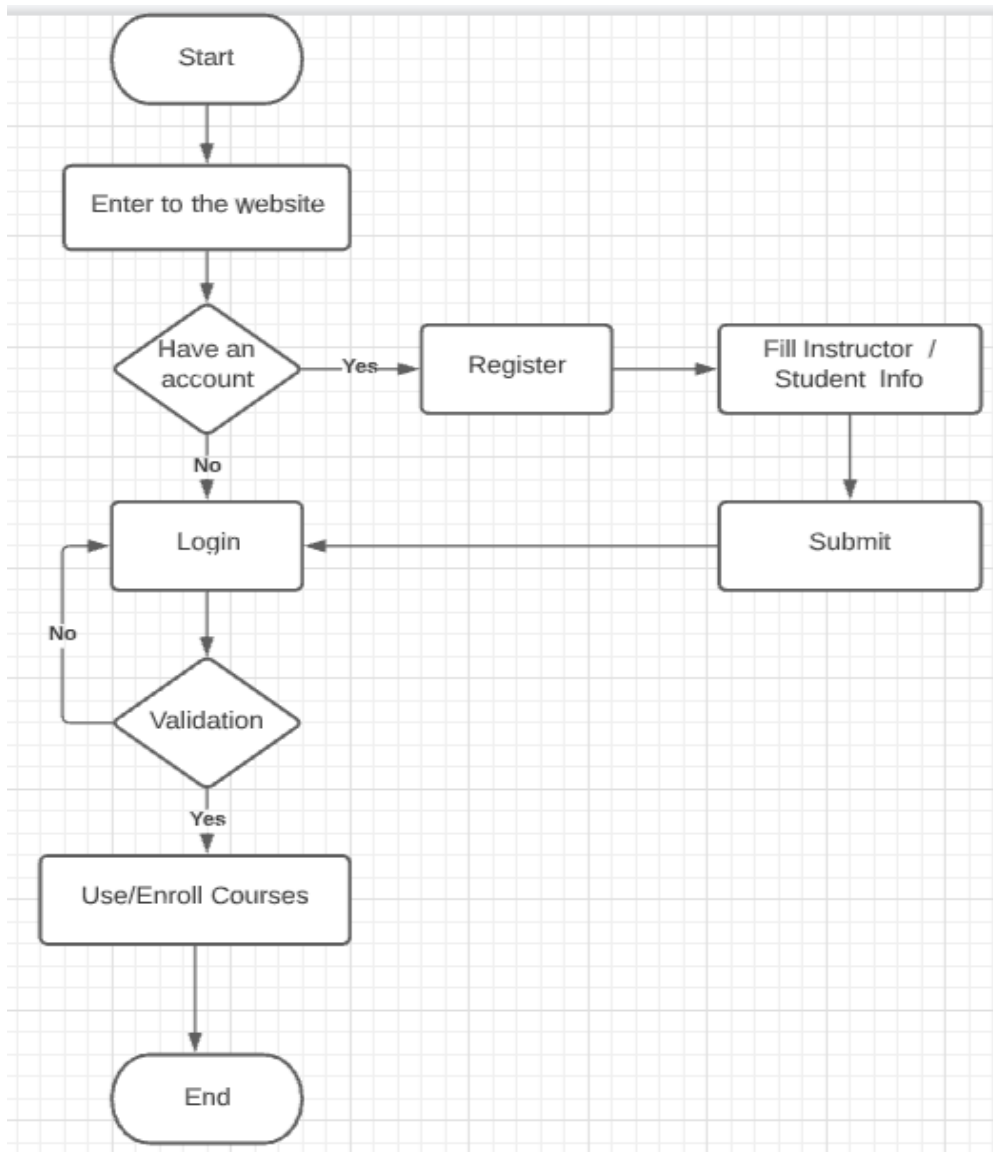
Experimental Investigations

To understand the market consisting of various websites who provide course to people. We did a lot of research on many websites available on the net. The research gives us a lot of information like:

- Too much distracting advertisements to grab customers attention with false promises.
- Overpriced courses.
- Many spams call after you once register to access the website to buy their courses.
- Much copied content from others and selling for higher prices.
- Outdated course and not updated often.
- Showing false results of high ranks in competitive exams to grab students attention.

Flowchart

This flow chart shows the entire process of how the entire process works. It entirely starts by visiting the website where students or instructors visit. Then we need to log in if we are not registered then we need to register as a student or instructor. Then we go to login and in the backend, your data is verified and you can access the website and its content. If you are an instructor you can upload courses and if you are a student you can go through courses and also read various blogs on important topics.

Result

The product we are providing is a platform where everyone is benefited by the services provided. students get one-stop solution for all their needs as all courses are customized with quizzes, videos and notes as well. And this platform is helpful for all new YouTubers who are trying to reach viewers they can upload their videos on our platforms where people will access them and they will get good reach and views on their channel. Overall this platform is one place for everyone's needs and helping hand to all.

Advantages & Disadvantages

Advantages:

- Easy to use
- Interesting user interface
- Amazing content
- Quiz to test your skills
- Increases views of YouTubers
- Frequently updated
- Interesting posts related to various topics.
- Ask section to get your doubts cleared

Disadvantages:

- We are providing most of the course for free so for some time we will not have any profit.
- Presently we are motivating YouTubers to upload the courses and they cannot charge from students.
- Frequently update will be required.

Applications

They are many applications for this website:
- Amazing content
- Frequently updated
- Quiz to test your skills
- Easy to use
- Interesting user interface
- Increases views of YouTubers
- Interesting posts related to various topics.
- Ask section to get the doubts cleared

Conclusions

Overall this website will help you learn to explore and teach. It is a one-stop solution to everyone's needs. We will try to provide as many requirements as possible.

We use many websites or online resources to study but the most important issues we go through in the process is that which resources to choose. They are many websites and apps available many are paid and are very costly which are difficult for the students to afford.

Our product will bridge this gap between students and resources online. We have designed an educational website which provided important courses present in the market for free collected from various resources.

Future Scope

In future, we can add many more features like:
- Instructor lead live classes
- Paid courses at minimal costs
- Premium extensive courses
- More kinds of course from school to college level.
- Customization of the level of course.
- More advanced courses.

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Appendix