

Excellence Educare

1. Introduction

Summary – A React Webapp for a tuition class that offers online education and updates information about the offline tuition classes. The website will serve as an asset for the teachers, where they can upload notes, show the services offered and subjects taught as well as share details about upcoming exams or classes.

Goals

- To create a fully functional react webapp for an education institute.
- To create sections that share details about the institute and other features like uploading and downloading files, listing all classes and displaying media assets.
- To deploy the webapp on a server and submit the application to the institute.
- To be able to render child components for each feature and page
- To manage the state of the components and the data shared through json files

Benefits of the website

These are the benefits of the website:

1) For teachers:

- Allows the teachers of the tuition to update their business details easily.
- Gives them an online presence.
- Enables the teachers to share class, subject and notes details on the website for all their students to see.
- The admin users can manage a list of students applying for admissions at the tuition.

2) For parents:

- Let's parents view all available classes and choose the best one for their children
- The parents would be able to contact the institution through the website
- They can keep track of any changes to class schedule and syllabus

3) For students:

- They will have access to all the notes uploaded by the teachers
- Students can view the details of the syllabus and also get updated about upcoming exams

2. Expected List of Features

- 1) Upload/ Download files – The teachers can upload notes to the webapp, parents and students can download the notes. This is an important feature which is the crux of the website and makes notes and time table sharing easy.
- 2) Update course information – Teachers can update course curriculum and time-table for classes. Through this feature the teachers can reach all their students and share important information.
- 3) Get in touch – Users can send in messages to the institution by filling a form. This is a standard feature through which the students and parents can get their queries answered.
- 4) Static sections – About us, FAQ, The Academy, Images. Primary business pages and sections like this are important to increase the brand value of the organization.

3. Market Survey

Comparative Analysis

1) Similarities

- All the websites have listed their services/courses in terms of divisions so that lots of different age groups can use these courses
- Media assets like carousels and Images are used to share work done at these institutes and also show pictures of teams and students.
- There are ways of contacting the business usually through filling a form

2) Unique features

- Few of the websites have online tests in-built (Out of scope)
- Online payment for admission is a part of Rao IIT website (Out of scope)
- Online video courses like coursera is available in edureka (Out of scope)
- Edureka has a blog as well which can be done in this project too

3) Standard features

Based on the survey, this project will include the standard sitemap and static sections. Apart from this a blog section will be attempted as well.

Conclusion – The website must not only serve as a window to the tuition business but must also support features that enable the business to function, like sharing notes, contacting the institution, surfing the classes and subjects and updating the lecture schedule.

4. References

Websites

Sinhals classes- <https://www.sinhalclasses.com/>

Eureka online training - <https://www.edureka.co/>

Euphoric Victorians - <http://euphoricvictorians.com/>

Rao's tuition classes - <https://raoiit.com/>

Mahesh Tutorials classes - <http://mteuducare.com/>

Books – React cookbook

Material Ui and Ant design for UI/Front end design-