

Upskill - A Doubt Solving App

The perfect preparation you require

...

A Case Study

pskill

Overview

This application specially developed for the test practice of any standard or any competitive exam, this application have different kind of exam are there for practice. In this app you have to practice the test between 6 to 12 standard, others competitive exams like bank, government, railway etc.

There are one app for app users. And there is web panel for admin and sub admin.

Aim Of The App

“The perfect preparation you require”

The Aim of the making this app is very clear that we want to provide the knowledge and free education and practice platform to the students. By using this platform students can practice the test and preparation for the main exam, so overall purpose is the provide the digital solution of the practice the test of different type of exams in this pandemic situation.



Upskill



Key Points

Key Roles

Key Functionalities

App Users

- Users can sign up in the app using phone and password, they must need to verify the phone number using verification code.
- Once users can sign up successfully they will be able to login in the app, after login first they need to finish the profile.
- In the profile below listed field are there, full name, email, phone, category, sub-category.
- Users can change the language of app on the header section, the will be developed in the two language.
- Users can also search the test, quiz, category name.
- Users can access the below listed sections in the app; live tests, quizzes, practices, GK & CA, Blogs.
- Users can also challenge the other users in the same test and compare the result.

App Users

- Users can move any question in the test. And in the practice test if users give the wrong answer then system will show the right answer with solution.
- Users can see the solutions of each and every questions once result will declare.
- Application will also appreciate to the users based on the achieving marks and also give the earning numbers out of all students who has appeared that test.
- Users can also post their doubts and also view and replay the others users posted doubts.
- Users can also save the articles and test. And they can see the progress in the performance graph.
- Users can update their profile and change the password.
- Users can also change the category and subcategory they have selected.
- Users can also deactivate the account. And also they can provide the feedback to the app.

Admin

- Admin can login using registered email & password and access the dashboard.
- In the Dashboard there are Graphs & Counters of Total App User, Total Live Test, Total Daily Quiz, Total Practice Test, Total Tests Attempted, Total Number of questions in App (Including all exams and classes), Total number of fresh questions added in platform (Fresh = Last on month)
- Admin can manage the app users and sub-admin and admin can create a sub-admin and provide the access of admin panel of category wise and section wise.
- Admin can manage the category, here we have given the nth level category.
- Admin can manage the question bank with all solutions.
- Admin can manage following modules; the live test, quiz, practice, GK & GA, Blogs, Doubts Master, Translation master, Settings, email template.

Technology and Tools

Front-end Development

Technology: Laravel - PHP Framework (V 5.5.48), Google APIs

Front-end: PHP

Database: MySQL

UI/ UX Design: Sketch

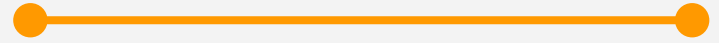
Technology and Tools

Building Mobile App

Android/iOS: React Native



Challenges & Solutions



 **pskill**

Category - Subcategory

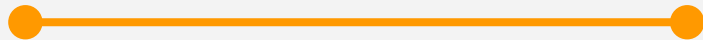
- In this project there are 3 levels categories in terms of class and subject and chapters in the whole app and it will be a challenging part to manage so many categories and each category wise there are number of quiz and tests. After that we are given the nth level category in the system.
- By using this feature admin can create a nth level category in the system.

Challenge Friend

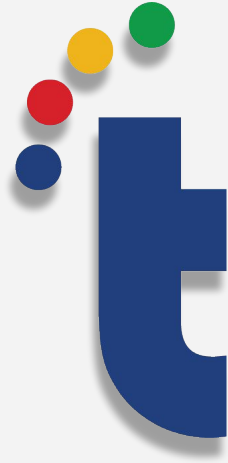
- Here in this project there is no friend profile or there is no follower and following concept are there.
- Client want to this functionality at the time of starting the test. When any users can start the test they will challenge to another 10 users.
- Now it's very big challenging part of this project first we need to ask for the challenge if they are say yes then we need to present the same test user list also send the notification to the challenged user and once test is over we also need to provide the result of challenged user so they can compare it.
- Finally after deep analysis we are come up with solution and we have developed this feature in the upskill application.



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Thank You

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