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PVR EDUCATIONAL HUB USING ANDROID

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ABSTRACT

The popularity of smart mobile devices is growing fast. These digital devices represent a new generation of technological tools that offer remarkable access to content as well as opportunities for creative use even by young children. Most the best-selling paid apps in the education category are targeted towards children. At the same time, the educational value of those applications is difficult to be determined. Parents and educators,who are turning to those devices for the potential educational benefits they expect for their children and/or their students, havea limited number of tools with which to evaluate these apps.

Keyword: Student Login, Admin Login, Video Series, E-certificate.

I. INTRODUCTION

PVR Educational Hub is an online platform for managing data associated with its tutoring classes in the most efficient and transparent manner. It is user-friendly app with amazing features like online fees management , home-work submission, detailed performance reports and much more- aperfect on-the-go solution for parents to know about their wards class details. It's a great amalgamation of simple user interface design and exciting features greatly loved by students, Parents, and teachers.

II. METHODOLOGY

In this Project we follow step by step procedure like SDLC life cycle .In this project create E-learning Module .

MODULES

- Login (Using phone number or email id)
- User Authentication (Profile)
- Courses
- Assignments.
- Meetings
- Display information of Exam & Marks.

SECURED LOGIN:

There are main three steps for successful login :

- Enter number.
- Verify number using OTP.
- After verification successfully.
- User can enter email id and password then verify it.
- Verification process is done then login sucessfullly.

USER AUTHENTICATION (PROFILE):

All user information is saves in profile.

- Profile picture
- Info
- Batches
- Courses
- Performance
- Payments
- Assignments
- Editable Account/ Profile :

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Students can edit their necessary information using the profile editoption.

COURSES

Course Page: We can view their purchased or free course list from here. Also, the status of course learning progress can betracked from here.

The course detail page contains the curriculum, include element's summary, learning outcomes, clients requirements, number of enrolled students, average rating and video preview.

The PVR app initiates all the top selected courses as well as thecategory list.

The course List Can be filtered using various options such as :

- Category
- Pricing
- Language
- Rating.

After course successful complete user can get certificate.

ASSIGNMENTS

Teachers can upload video in assignments section.

Student view and solve the assignments.

Teachers also checks assignments and share marks or grade.

MEETINGS:

This section Teachers are arrange live meeting for courses.

Student are join live meeting in using link or code.

III. PROJECT SCOPE

Teachers are using app to upload video about courses, upload assignments and exam for students to easy to use. Student are used thisapp solve assignments and exam. Parent can see their child Progress report using in this education hub app.

FRONT END AND BACK END

FLUTTER FRAMEWORK :

Flutter is a popular frontend development framework from Google that enables developers to build frontends for any screen. Flutter is designed to streamline cross-platform app development while maintaining a consistent user experience.

ADMIN PANEL AND API :

Admin Panel is basically the core of most applications. Without it the content could not be in any way created. From this particular part the whole app may be managed.

API is the acronym for Application Programming Interface, which is software intermediary that allows two applications to talk to each other.

IV. TECHNOLOGY USED: SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS :

Android / ios Device

Android Virtual Emulator

USB 2.0

Operating System : Windows, Etc.

SOFTWARE REQUIREMENTS

Ram: 8GB

Processor : Intel Core I5

SDD: 264GB

XAMPP

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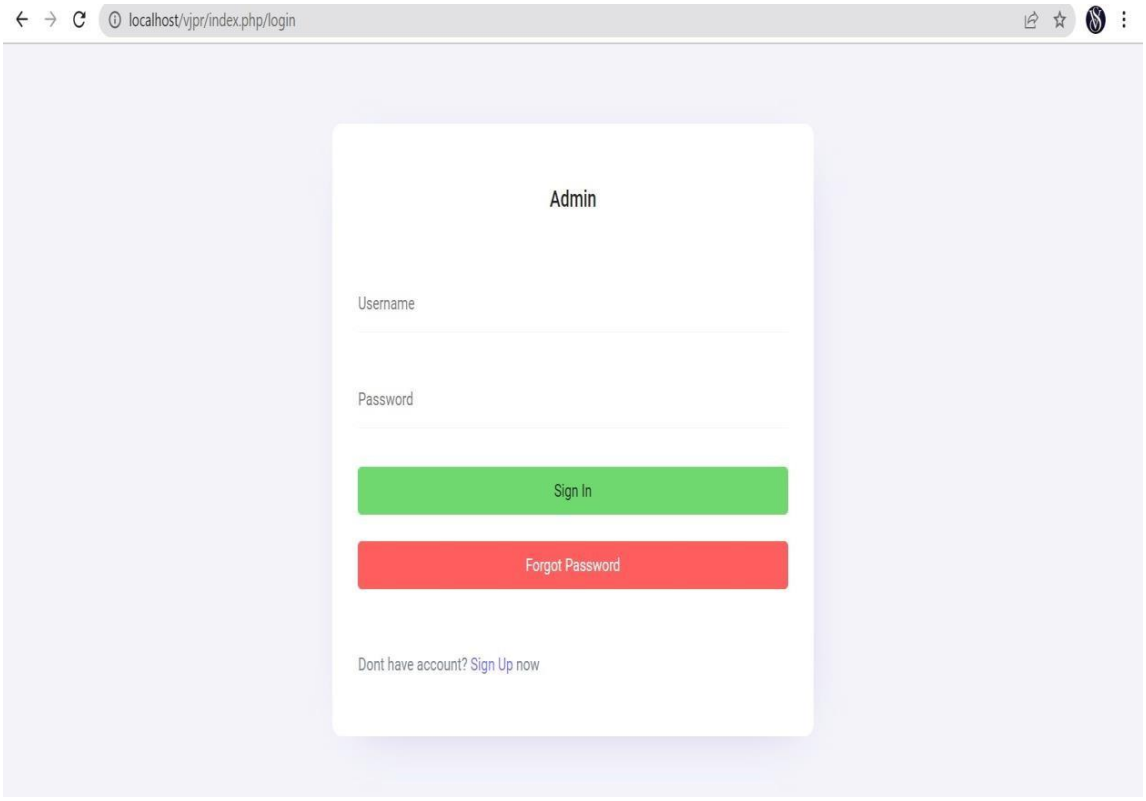
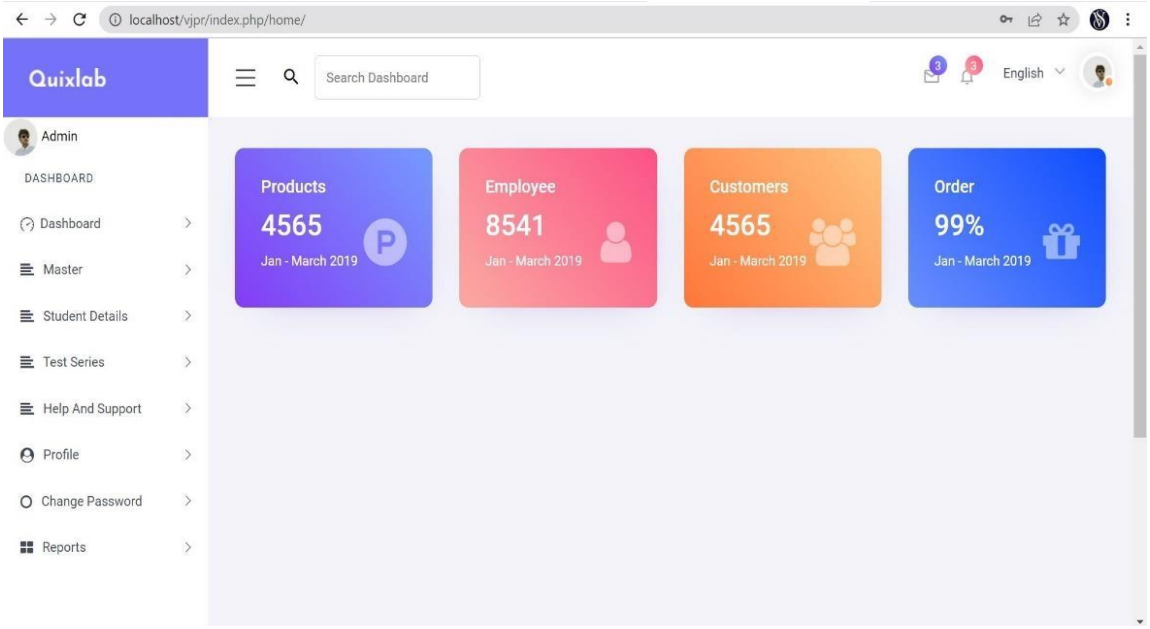
Android Studio, VS Code Editor, Notepad ++ etc.

Flutter Framework

BLOCK DIAGRAM AND APPLICATION IMAGES





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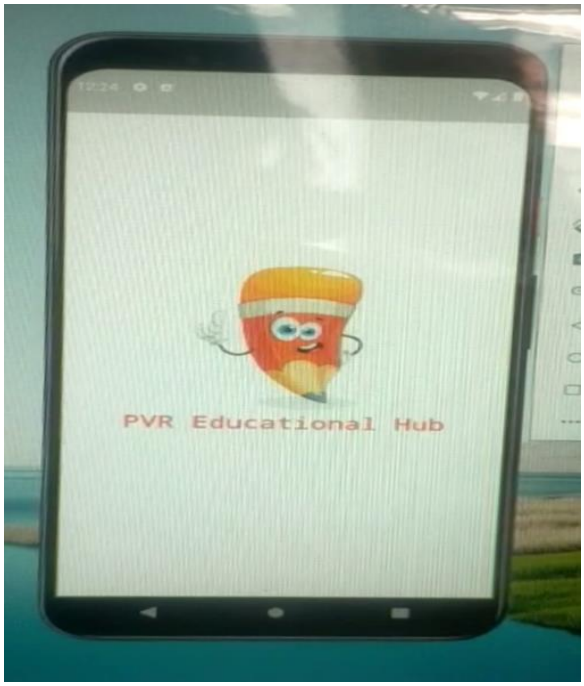

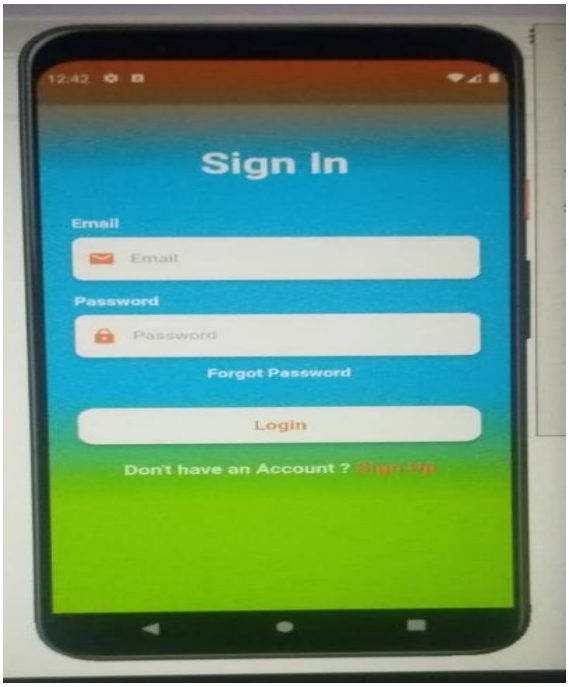

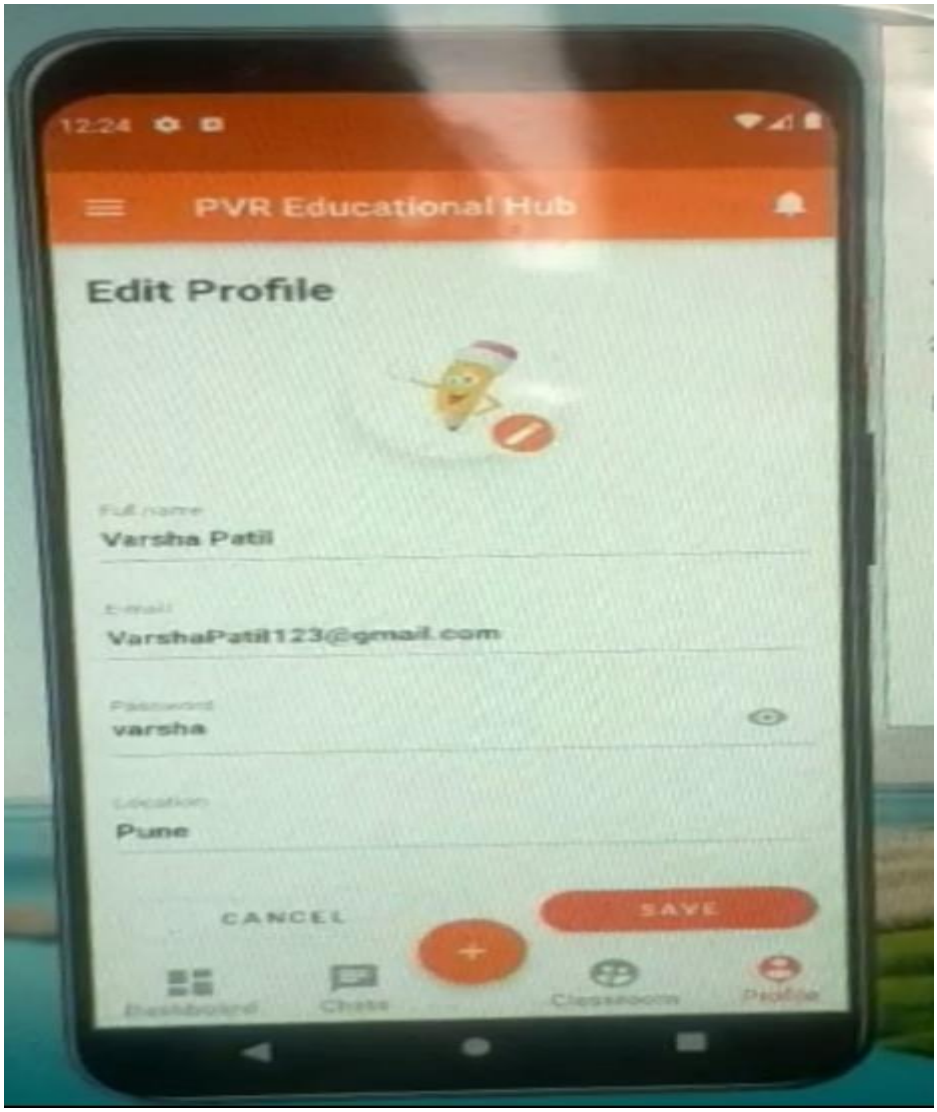

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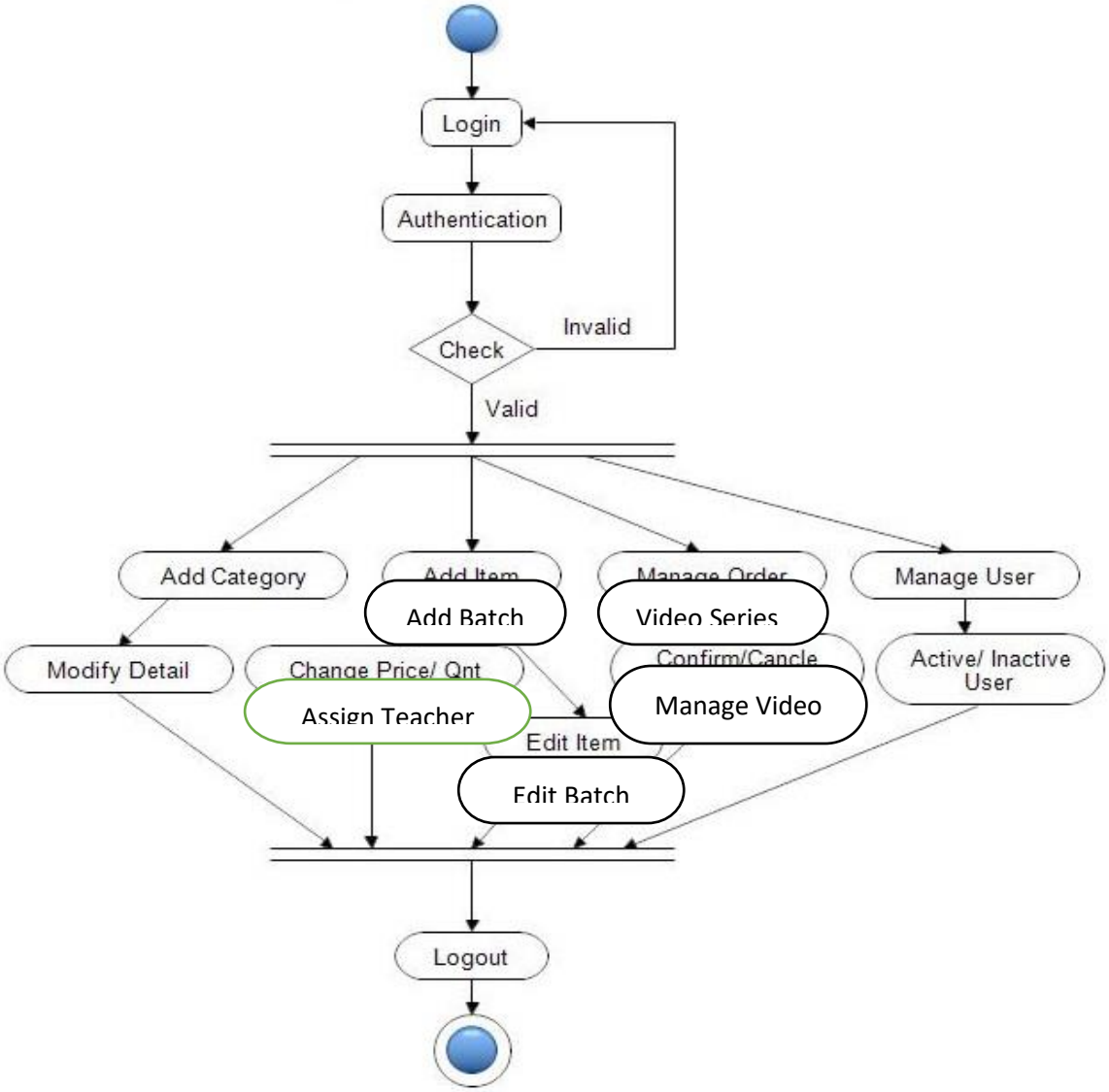

V. CONCLUSION

In this Project We display almost all module related to the E-Learning like Student Login, Admin Login as well as Video series .When student completing course after that they will get E-certificate .They can solve all assignments.

ACKNOWLEDGEMENTS

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VI. REFERENCES

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