

A PROJECT REPORT
ON
PROFESSIONAL EDUCATION
[ProEd]

Submitted in partial fulfilment for the requirement of the award of
TRAINING

IN
Core Java with Android App Development



Submitted By

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2020

Under the guidance of

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Diginique Techlabs

ACKNOWLEDGEMENT

I have successfully completed my project on the topic “Professional Education” app development using all the knowledge provided on HTML, CSS & JS, Phonegap & Cordova by our training instructor Mr. Lavish Arrora Sir. It is with great pleasure that I acknowledge contribution of our instructor through this Internship program.

I wish to express a true sense of gratitude of my project Guide Mr. Lavish Arrora Sir , who give me courage to undertaken the project and contributed his valuable guidance at every discrete step in study of this project. Also he stood behind me in all the difficulties face during the development of the project. I also express my thanks to the CEO Mr. Sudhir Kumar Chaudhary for organizing such Internship on Android Application Development by means I get opportunity to learn new things in real software development environment.

Suraj Pal

ABSTRACT

Apache Cordova (formerly **PhoneGap**) is a mobile application development framework originally created by Nitobi. Apache Cordova enables software programmers to build hybrid web applications for mobile devices using CSS3, HTML5, and JavaScript, instead of relying on platform-specific APIs like those in Android, iOS, or Windows Phone. It enables wrapping up of CSS, HTML, and JavaScript code depending upon the platform of the device. It extends the features of HTML and JavaScript to work with the device. The resulting applications are hybrid, meaning that they are neither truly native mobile application nor purely Web-based.

The main objective of this app project on “Professional Education” is to get to utilize my knowledge gained from this internship program in most effective way.

INTRODUCTION

The mobile phone industry has been developing and growing rapidly during the last couple of years. Old mobile devices with limited capabilities are being replaced by new and advanced Android technology supporting a wide range of mobile services. A android application (mobile app) is a software application designed to run on smart phones, tablet computers, and mobile devices

Most enterprises lack the skills and resources required to build native mobile apps for multiple mobile platforms. They opt for hybrid mobile app development to make the same app available on multiple mobile platforms by overcoming constraints related to time and resources. Unlike native mobile apps, hybrid mobile apps are developed with commonly used web technologies — HTML5, CSS3 and JavaScript. But hybrid mobile apps, unlike HTML5 mobile web apps, are distributed through app stores and deliver native user experience.

An enterprise can further accelerate hybrid mobile app development by taking advantage of robust frameworks like Cordova. Adobe System rebranded PhoneGap as Cordova after acquiring Nitobi in 2011. At present, mobile app developers can use Cordova Framework as an open source framework for hybrid mobile app development. Apache Cordova enables developers to build cross-platform mobile apps with HTML5, CSS3 and JavaScript. The developers can use HTML5 and CSS3 to render content and JavaScript to render logic.

Also, they can build amazing hybrid mobile apps by using several JavaScript libraries. Cordova Framework further makes it easier for developer to package the hybrid mobile apps for each targeted mobile platform. Hence, Cordova app can be installed just like native mobile apps despite being developed with web technologies. At the same time, the framework also allows developers to make the app access native device capabilities through a variety of plug-ins. But a developer must understand various aspects of Cordova Framework to choose the right hybrid mobile app development framework.

Problem Statement

The proposed system is an mobile application developed for Professional Education study : “ProEd” with online studying experience. With the help of this application user can get education of the trending and job-oriented courses like programming languages, digital marketing and data science etc.,



COURSES :

TOP TRENDING



Home

Contact Us

Proposed System

In proposed system i.e., ProEd, user starts directly interacting with courses provided on the app. User sees the trending topics in current time and chose whatever he/she likes to study.

Also there are New courses and Free courses for the users.

Free courses are for new users so that they can get a little bit knowledge about the topic they are interested in.



Fig. : Trending Courses



Fig. : New Courses

In slideshow user can get latest news in this domain and our new services. Trending and New courses are provided with latest video lectures.

PYTHON

Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace.

Python is dynamically typed and garbage-collected. It supports multiple programming paradigms, including structured (particularly, procedural), object-oriented, and functional programming.



C++

C++ is a general-purpose programming language created by Bjarne Stroustrup as an extension of the C programming language, or "C with Classes".

The language has expanded significantly over time, and modern C++ now has object-oriented, generic, and functional features in addition to facilities for low-level memory manipulation.





Fig . : Showing video lectures for Python and C++ courses.


Free courses :

4G 4G 4.6K/s
Development m
4G 70% C


FREE COURSES




HTML




CSS




JavaScript




Web Development




Data Science



Machine Learning



Home




Contact Us


Web Development :

4G
G
2K/s
mode
Deve
4G
69%

WEB DEVELOPMENT



HTML


CSS3


Javascript


jQuery


PHP


SQL


Home


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Mobile App Development

4G
G
0K/s
mode
Dev
4G
69%

MOBILE APP DEVELOPMENT


Java Advanced


Swift


JS Advanced


React Development


Android Development


iOS Development


Home


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Digital Marketing:

4G
G
0.1K/s
Development m
4G
69%

DIGITAL MARKETING


Growth Hacking


Google Search Ads


SEO


Social Media Marketing


Google Display Ads


Google Video Ads


Home


Contact Us

Courses for Beginners:

4G LTE 2.1K/s ... ent mode 4G+ 69%

BEGINNER



Fundamentals



IT Basics



HTML



CSS3



Javascript



JQuery



Home




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Advanced Courses:

4G LTE 2.1K/s ... mode Dev 4G+ 69%

ADVANCED




C++ Advanced



JS Advanced



HTML Advanced




C Advanced



Java Advanced



OOPs



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Analytics courses :

4G LTE 2.6K/s ... lopment mode 4G+ 69%

Java Advanced

OOPs



Python Advanced

ANALYTICS




Big data Analytics



Machine Learning



R Programming



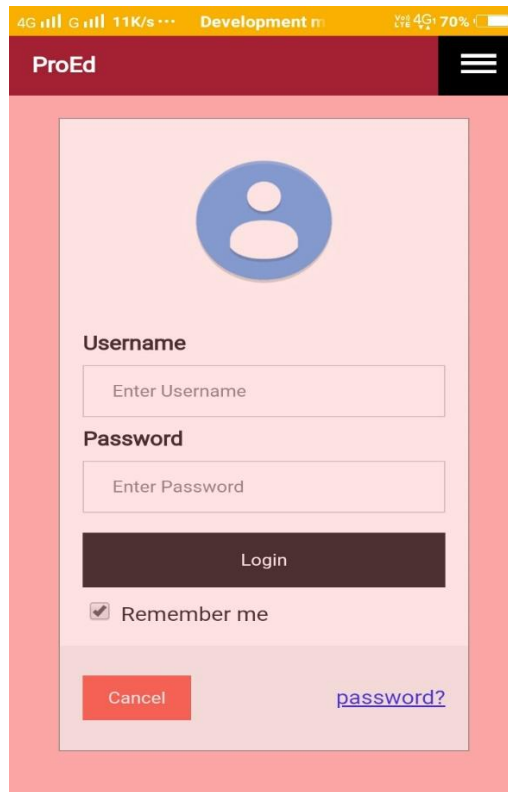
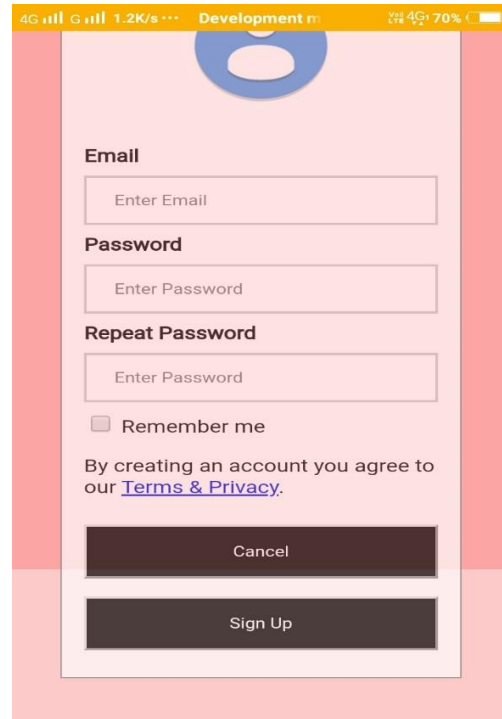
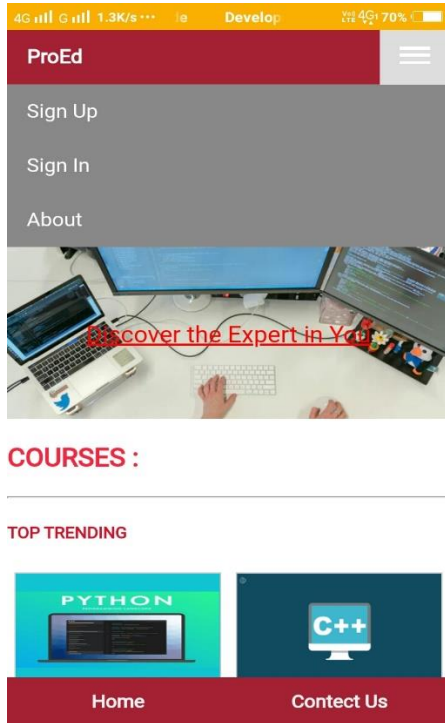
Data Science

Home

Contact Us

Student's Dashboard :

For personalized learning user have to sign up in order to save and track their progress in the courses.



Code Snippets :

G:\CordovaProjects\CordovaProjects\www\index.html (G) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

- G
 - \$RECYCLE.BIN
 - Adobe Photoshop
 - Complete Web Dev Cour:
 - CordovaProjects
 - hooks
 - node_modules
 - platforms
 - plugins
 - www
 - css
 - project.css
 - img
 - 1m17.jpg
 - 1m20.jpg
 - 23.jpg
 - 24.jpg
 - 25.jpg
 - a11.jpg
 - a6.jpg
 - a8.jpg
 - ab10.png
 - ab12.png
 - ab14.png
 - ab2.png
 - ab6.png
 - ab7.png
 - ab9.png
 - ap2.png
 - c1.jpg
 - c4.jpg
 - c5.jpg
 - c6.jpg
 - code0.png
 - cpp.png
 - cpio.png
 - rt1.png

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1">
6   <title>ProEduk</title>
7   <!-- <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"> -->
8   <link rel="stylesheet" type="text/css" href="css/project.css">
9 </head>
10
11 <body>
12   <!-- Top Navigation Menu -->
13   <div class="topnav">
14     <a href="index.html" class="active" style="font-weight: bold;">ProEdk</a>
15     <div id="myLinks">
16       <a href="signup1.html">Sign Up</a>
17       <a href="login1.html">Sign In</a>
18       <a href="#">About</a>
19     </div>
20     <!-- Hamburger menu/"Ban icon" to toggle the navigation links -->
21     <a href="javascript:void(0);" class="icon" onclick="myFunction()">
22       <svg width="25" height="16" id="icoOpen">
23         <path d="M0,2,25,2" stroke="ffff" stroke-width="3"/>
24         <path d="M0,8,25,8" stroke="ffff" stroke-width="3"/>
25         <path d="M0,15,25,15" stroke="ffff" stroke-width="3"/>
26       </svg>
27     </a>
28   </div>
29
30   <!-- Bottom Navigation Menu -->
31   <div class="bnav">
32     <a href="index.html"><span id="left">Home</span></a>
33     <a href="#"><span id="right">Contact Us</span></a>
34   </div>
35
36   <div class="slideshow">
37     <slider>
38       <slide><p><a href="#"> Discover the Expert in You</a></p></slide>
39       <slide><p><a href="#"> Online Digital Marketing </a></p></slide>
40       <slide><p><a href="#"> Benefits of ProEdk</a></p></slide>
41     </slider>
42   </div>
```

Line 27, Column 7 Spaces: 2 HTML

G:\CordovaProjects\CordovaProjects\www\css\project.css (G) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

- G
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 - ab6.png
 - ab7.png
 - ab9.png
 - ap2.png
 - c1.jpg
 - c4.jpg
 - c5.jpg
 - c6.jpg
 - code0.png
 - cpp.png
 - cpio.png
 - rt1.png

```
1 *{
2   box-sizing: border-box;
3 }
4 html, body{
5   font-family: Arial, Helvetica, sans-serif;
6   margin: 0;
7   padding: 0;
8   width: 100%;
9   height: 100%;
10 }
11
12
13 .topnav{
14   overflow: hidden;
15   background-color: #888888;
16   position: relative;
17 }
18 .topnav #myLinks{
19   display: none;
20 }
21 /* Style navigation menu links */
22 .topnav a{
23   color: white;
24   padding: 14px 16px;
25   text-decoration: none;
26   font-size: 17px;
27   display: block;
28 }
29 /* Style hamburger menu */
30 .topnav a.icon{
31   background: black;
32   display: block;
33   position: absolute;
34   right: 0;
35   top: 0;
36 }
37 /* Add a grey background color on mouse-over */
38 .topnav a:hover{
39   background-color: #ddd;
40   color: #A52135;
41 }
42 /* Style the active link (or home/logo) */
```

Line 28, Column 21 Tab Size: 4 CSS

Technology Used:

*** LANGUAGES:**

- HTML
- CSS
- JAVASCRIPT

***PLATFORMS:**

- CORDOVA
- PHONEGAP

CONCLUSION

- **ProEd** application provides users an online learning platform for professional courses with variety of courses.
- With the help of this app users can understand better and in clear way.
- This app is build for nice user experience.
- Users are exposed to wide ranges of courses they can learn online in their pace and according to their comfort.
- ProEd provides hd quality lecture videos from youtube.

REFERENCES

1. Udemy App
2. Programming hub app
3. Youtube
4. Geeksforgeeks
5. W3c school