Date: - 29/08/2020

Event: Value Added Course

Date: 26th to 29th August, 2020

Time: 26th and 27th August,2020-6:00pm to 8:30pm

28th and 29th August,2020-4:30pm to 7:30pm

Target Audience: 120

No of Participants: 100

Venue: YouTube live on CodeX channel

Topic: Cross Platform Mobile development by using Xamarin and Flutter.

Resource Person: Mr. Mohd. Afzal Ali, Ajman Municipality and Planning Department,

Ajman, UAE.

Coordinator: Prof. Prashant Gadakh

Objectives: Students able to learn

Different methods for mobile application development
Features of Xamarin And Flutter
How to develop an application on both Android and IOS

Outcomes: Student will able

CO1: To know the real industry application

CO2: To know how to develop the mobile applications

CO3: To know various platforms for application development

Summary of the event

Mobile Application development is one of the most demanded of development nowadays. As the growth and innovation in the mobile phones increases there is a need of new applications

to help the user. Cross-platform mobile development refers to the development of mobile apps that can be used on multiple mobile platforms.

From the value-added course Students learn about different methods for mobile application development and get to know features of Xamarin And Flutter Students will get the industry exposure: for various services.

The members of I2IT CESA conducted a Value-Added Course on Cross Platform mobile development by using Xamarin and Flutter. It was arranged through YouTube live session where the participants could join for accessing the course. The Resource person of the course was Mr. Mohd Afzal Ali, a Software Developer at Ajman Municipality and Planning Department, Ajman, UAE.

Day-1

The Course was started by explaining the basic concept of development of various applications and demonstrating the different approaches for mobile development like Web Hybrid and native. And was further carried by why Cross platform is selected for mobile development. It was further continued by Installations of Android studio and IOS Mac studio. He also enlightened the students with different Programming Languages used in mobile development.

Day-2

The terminologies of Android Development and IOS development were explained and demonstrated by the speaker. And he demonstrated how the development happens in Android studio and XCode (IOS development tool) by executing small programs as example for students to get an idea of real time execution. He also explained the 3 main parts of an application that is information, layout and logic. At the end he introduced the cross-platform concept to the students.
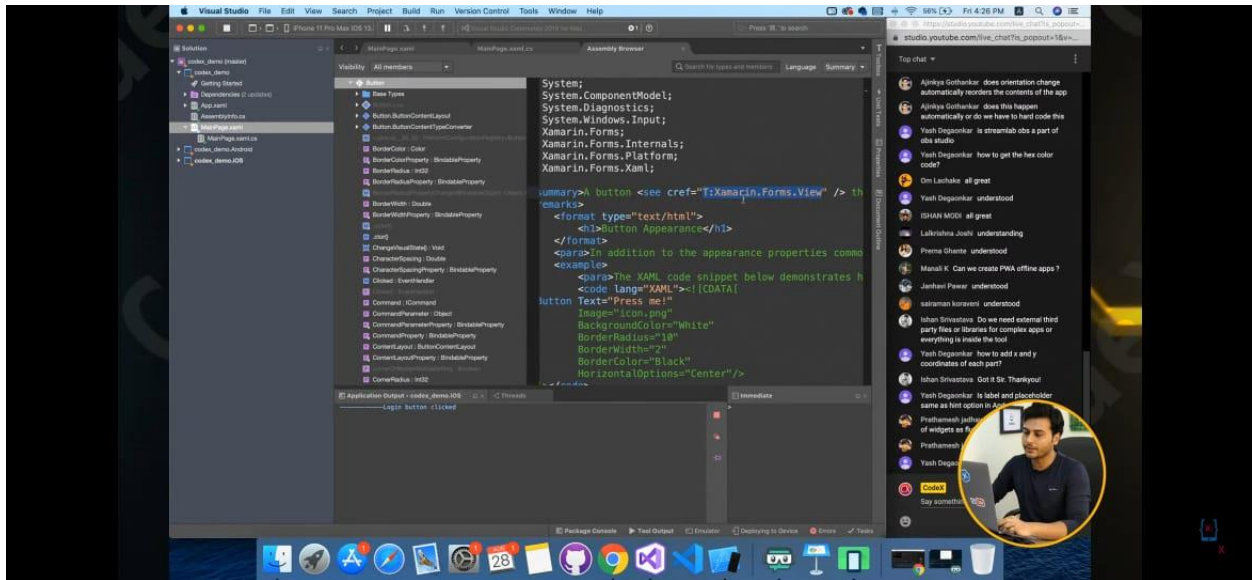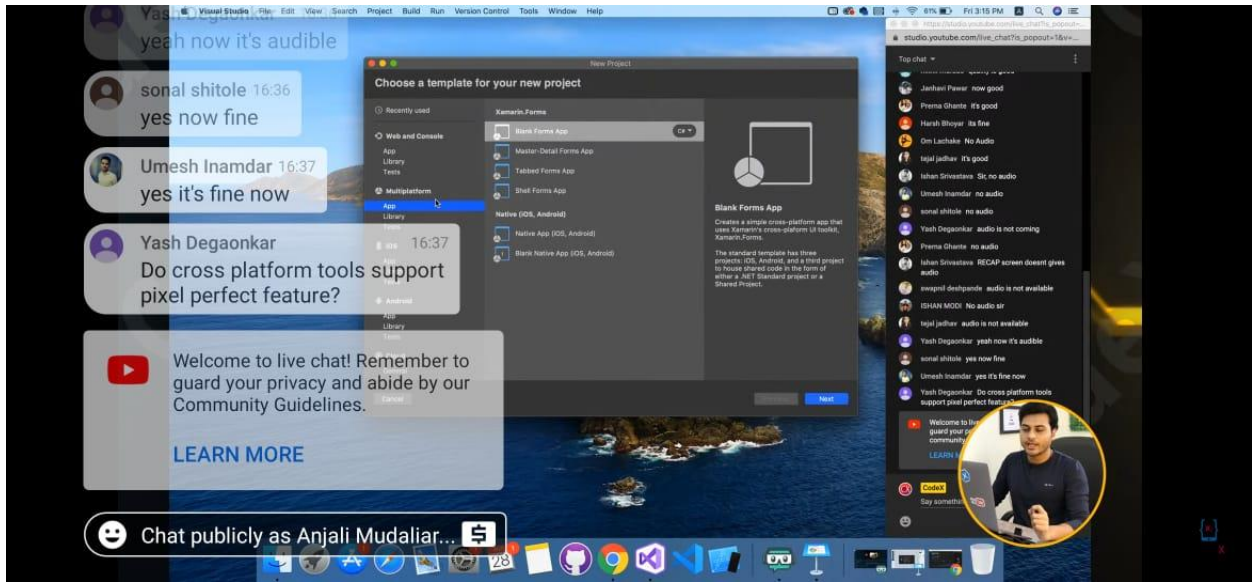
Day-3

The working of Xamarin platform was explained. And also explained how Xamarin converts the UI and communicates with the native platforms etc. Also, a simple demo was given on working on Xamarin tool.
.
Day-4

The last day of the course was carried out by demonstrating the working of Flutter framework. Also, the Basics of REST API and how to consume REST inside the application with the local databases was explained. Also, the difference between Platforms of Xamarin and Flutter was also explained. Each day of the course ended with a question and answer session. Overall the course was very interesting and helpful for the students.

Photographs

WhatsApp | (23) Cross-Platform Mobile Deve... | (23) YouTube | +

youtube.com/watch?v=tiS6dti6uyo&feature=youtu.be

Apps   Gmail   YouTube   Maps   News   Translate   Inbox (3) - anjuawi...   Now that your eyes...

YouTube

Search

9:41 AM Tue 9 Jan

View   UIView   Abcxy
                    Text
         UIButton   Native
                    view
                    → TextView
                    → FlatButton

Top chat ▾

ISHAN MODI   Good Evening!
nikhil murade   Good Evening
Sadiya Shaikh   good evening !!
Umesh Inamdar   good evening!!!
nikhil murade   everything is fine
Pradyumna Shirode   yaa it's all good
sonal shitole   everything is good
Umesh Inamdar   everything is fine
Om Lachake   It's Great!
Aditi Mahale   all good
nikhil murade   what is x behind you?

Welcome to live chat! Remember to guard your privacy and abide by our community guidelines.
LEARN MORE

simran shaikh   👍
Anjali Mudaliar
Say something...

0/200

HIDE CHAT

#CodeX
Cross-Platform Mobile Development || Xamarin and Flutter - Session 4
Unlisted
36 watching now • Started streaming 13 minutes ago

👍 9   👎 0   SHARE   SAVE

Beginner Web Application Hacking (Full Course)
The Cyber Mentor
61K views • 3 months ago
5:07:39

Type here to search   16:47 29-08-2020

---

qemu-system-x86_64   Nexus_5X_API_28 (API 28)   Fri 3:57 PM

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <ContentPage xmlns="http://xamarin.com/
3    <StackLayout VerticalOptions="Cente
4      <!-- Place new controls here -->
5      <Image Source="logo.png"/>
6      <Entry Placeholder="Enter usern
7      <Entry Placeholder="Enter passw
8      <Button Text="Login" Background
9    </StackLayout>
10 </ContentPage>
```

I²IT
INNOVATION & LEADERSHIP

Enter username
Enter password
LOGIN

I²IT
INNOVATION & LEADERSHIP

Enter username
Enter password

| Session-1 | 2 hours |
| Native Mobile Development, Progressive Web Apps, Cross-Platform Development, OOPS concept brush-up, Installation process | |

| Session-2 | 2 hours |
| Working with Android Studio, Working with XCode, 3 parts of application (app information, layout, logic) Cross-platform introduction | |

| Session-3 | 3 hours |
| Working with Xamarin, How Xamarin converts UI and communicates With Native platform, Working with Flutter | |

| Session-4 | 3 hours |
| How Flutter works, Basics of REST API, Consuming REST inside app, Local database, Application deployment, QnA | |

Cross-Platform
Mobile Development

I²IT   CX
CodeX

by
Mohd Afzal Ali