

DATE: 21/03/2021

**Event Coordinator(s)**

- 1. Prof. Ziany Alpholicy X.**
- 2. Prof. Nilambari Narkar**

**Student Coordinator(s)**

- 1. Mandar Bagwe**
- 2. Yeshwin Anil**

**Time& Place: 12:00pm to  
02:00pm, Google Meet**

**Department: Computer  
Engineering**

**No of participants: 51**

**Guest Lecture on App Development for Mobile Devices using Flutter**


The resource person Mr. Dominic Alexander is currently working as a Software Engineer and Team Lead for Mobile Apps in ZorroSign in Colombo, Sri Lanka. He is currently pursuing his MSc in Software Engineering from Kingston University, United Kingdom. He has done his Bachelor in Information Technology and Higher Diploma in Information Technology from University of Colombo School of Computing in 2019. He has vast experience as a software engineer since 2016. He started his career as a freelancer (Android Developer), later worked in various organizations like Bourke Technologies, Trivyol and iTelaSoft as Android Developer.


The targeted audience were Final Year Computer Engineering Students, the guest lecture was organized with respect to their core subject Human Machine Interaction. The topic "App Development for Mobile Devices using Flutter" was chosen as advanced topic to bridge the gap between the syllabus and curriculum. Also, to give a hands-on experience for students to develop mobile apps using flutter.

This event was planned in the beginning of the semester (January 2021) and planned to be held in an online platform. Our HoD, Dr. Saurabh Patil, Prof. Beatrice S., Prof. Nilambari Narkar, all faculties and Final Year Students from Computer Engineering Department were involved in conducting the event with great success.

**Student Feedback and Benefits:**

Students found the session very useful and informative.

  
Prof. Ziany Alpholicy X  
Lecturer

  
Prof. Beatrice S  
Activity Coordinator

  
Dr. Saurabh Patil  
HOD

# Images (if Any)

The screenshot shows a Google Meet window with a presentation slide titled "Brief History of Mobile Application Development". The slide features a vertical timeline with the following entries:

- 2007**: iPhone released. Steve Jobs says no to third party native apps and directing them to make web applications for the safari web browser.
- 2008**: IOS SDK released.
- 2009**: Android SDK Released.
- 2015**: Facebook released React Native. Native widgets accessed through JS Bridge.
- 2018**: Google released Flutter. Drawing widgets on own Canvas using Skia Graphics Engine and works like a Game Engine(Unity,Unreal.) C and C++ code are compiled with NDK(Android)/LLVM(iOS). The Dart code are ahead-of-time compiled into native, ARM, and x86 libraries. Achieves 60fps or 120fps in supported mobiles.
- ?**: What's Next?

The meeting interface includes a "Meeting details" sidebar on the right showing 42 people in the meeting, a "People" list, and a "Chat" window. The bottom of the screen shows the Windows taskbar with various application icons and the system tray.

The screenshot shows a Google Meet window with a presentation slide titled "Adaptation and Success Stories". The slide features a grid of logos for various organizations that use Flutter:

Google	GROUPON	Alibaba Group	Capital One
Tencent 腾讯	Square	ebay	BMW
DREEM II	SONOS	bank	EMAAR

Below the logos, the text reads: "Join the growing list of organizations working with Flutter." and "Companies with millions of customers already building their apps with flutter".

The meeting interface includes a "Meeting details" sidebar on the right showing 44 people in the meeting, a "People" list, and a "Chat" window. The bottom of the screen shows the Windows taskbar with various application icons and the system tray.

Google Meet - ygg-xbje-mqe

meet.google.com/ygg-xbje-mqe?authuser=0

REC Dominic Alexander is presenting

Savio Simoes and 42 more

12:50 PM

```
class LoginView extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Login'),
      ),
      body: LoginForm(),
    );
  }
}

class LoginForm extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(10),
      child: Column(
        children: [
          TextFormField(
            decoration: InputDecoration(
              labelText: 'Email',
            ),
          ),
          TextFormField(
            decoration: InputDecoration(
              labelText: 'Password',
            ),
          ),
          ElevatedButton(
            onPressed: () {
              // Login logic
            },
            child: Text('Login'),
          ),
        ],
      ),
    );
  }
}
```

Meeting details

Type here to search

colombo sri

Meet - x

Search result x

My Drive - x

HMI Guest | x

Quiz on HMI | x

(31) WhatsApp | x

Download | x

Appreciation | x

Appreciation | x

meet.google.com/ygg-xbje-mqe?authuser=0

REC Dominic Alexander is presenting

Swarali Gaonkar and 37 more

1:57 PM

Are you talking? Your mic is off. Click the mic to turn it on.

Meeting details

Type here to search