

ICP Presentation Report

Team:

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GitHub Repository:

https://github.com/gollakousik123/Web_programming/tree/main/WEB_Presentation-2

Video Link:

https://github.com/gollakousik123/Web_programming/tree/main/WEB_Presentation-2/Presentation%20video

Introduction:

In this report we have described the various things we learnt through the completion of ICP8 to ICP11

Tasks completed:

1. Development of a basic mobile application
2. Developed a pizza delivery app with multiple features
3. Created an application to make an API call and receive the data from the API

Things Learnt from the ICP:

- Learnt about AppCompatActivity class that acts as a fundamental class for various activities which requires the newer platform features on legacy Android devices
- Android Bundle : To exchange the information among the activities
- View class: It is a fundamental block for user interface components and occupies rectangular space on the UI.
- Intent class : To communicate among the components
- Gradle : It automates the build and allows us to define custom build properties
- RelativeLayout: In this the position of every view can be defined as relative to its sibling elements
- ScrollView: It is used to create vertically scrollable views
- TextView: It is a view that is utilized to display any text to users
- LinearLayout : It arranges all children in one direction, vertically or horizontally
- Implementation of various features like decrement, Increment and Radio buttons
- Event listener: It is interface that contains a single call back method presented inside the view class
- Retrofit: It provides robust framework for interacting with API's
- Gained knowledge on various annotations used in Java