

ASSIGNMENT-2

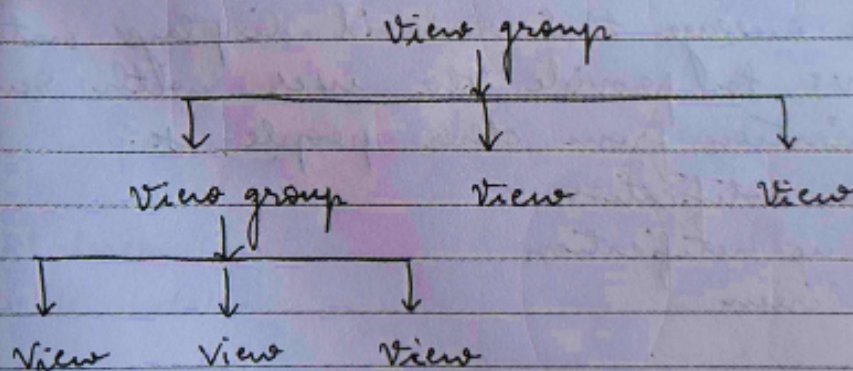
TITLE: Android UI design, design UI using pre-built UI component.

PROBLEM STATEMENT: Android UI design, design a UI using pre-built UI components. Also make this UI alternative using android-graphics platform.

THEORY:

• LAYOUT:

- Layout is used to define a definition for the UI of your app.
- All the elements in the layout are built using a hierarchy of view & view group object.



- In-built UI components:

i. Toast

A toast provides simple feedback about an operation in a small pop-up.

ii. Dialog:

It is a small window that prompts the user to

Syntax: By extending Dialog Fragment & creating a alertDialog in the onCreateDialog callback method.

iii. Menus:

Menu API to present user interaction & all operation in your activity

1. opⁿ menu
2. context menu
3. pop-up menu

Syntax:

```
<menu>
    <item> </item>
</menu>
```

v. Notification:

It is a message that android displays onto app's UI to provide the user with communication from other people, etc.

1. Status notification
2. Head up notification
3. Lock screen

CONCLUSION:

In this way, I have built an application using built-in UI component.