

2.

Layouts:**Activity_main.xml:**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="@color/white"
tools:context=".AboutUsActivity">

<!-- Header Image -->
<ImageView android:id="@+id/aboutUsImage"
android:layout_width="250dp"
android:layout_height="200dp"
android:src="@drawable/about_us"
android:scaleType="centerCrop"
android:layout_marginTop="20dp"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent"
android:contentDescription="About Us Image"
android:clickable="true" android:focusable="true"/>

<!-- Title -->
<TextView android:id="@+id/aboutUsTitle"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="About Us"
android:textSize="24sp"
android:textStyle="bold"
android:textColor="@color/black"
android:gravity="center"
android:layout_marginTop="12dp"
```

```
app:layout_constraintTop_toBottomOf="@id/aboutUsImage"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent"/>
```

```
<!-- About Us Card -->
<androidx.cardview.widget.CardView
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_margin="24dp"
app:cardCornerRadius="16dp"
app:cardElevation="8dp"
app:cardBackgroundColor="@color/white"
```

```
app:layout_constraintTop_toBottomOf="@id/aboutUsTitle"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent">
```

```
<LinearLayout android:layout_width="match_parent"
android:layout_height="wrap_content"
android:orientation="vertical"
android:padding="24dp">
```

```
<!-- Subtitle -->
<TextView android:id="@+id/aboutUsSubtitle"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Meet the Team"
android:textSize="20sp" android:textStyle="bold"
android:textColor="@color/purple_700"
android:gravity="center"
android:layout_gravity="center_horizontal"
android:paddingBottom="8dp"/>
```

```

<!-- About Us Description -->
<TextView android:id="@+id/aboutUsText"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="Craftify is developed by a
passionate team dedicated to making DIY crafting
more accessible and exciting. Our mission is to
inspire creativity through innovative technology,
helping users explore endless crafting possibilities!"
android:textSize="18sp"
android:textColor="@color/dark_grey"
android:lineSpacingExtra="6sp"
android:gravity="center"
android:paddingBottom="16dp"/>

```

```

<!-- Team Members -->
<TextView

```

activity_main.xml:

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res-
s/android"
xmlns:app="http://schemas.android.com/apk/res-
auto"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="#121111"
android:orientation="vertical"
android:gravity="center">

```

```

<!-- Header Section -->

```

```

<!-- Vertical layout for team members -->
<LinearLayout android:layout_width="match_parent"
android:layout_height="wrap_content"
android:gravity="center"
android:orientation="horizontal">

```

```

<TextView
android:id="@+id/title"

```

```

android:id="@+id/teamMembers"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="👤 Raja Rajeswari R

```

```

(22IT072)\n 👤 Nivasshini R ( 2 2 I T 0 6 3 ) \n 👤 Harini
S (22IT026)"
android:textSize="16sp"
android:textColor="@color/black"
android:gravity="center"
android:lineSpacingExtra="4sp"/>

```

```

</LinearLayout>

```

```

</androidx.cardview.widget.CardView>

```

```

</androidx.constraintlayout.widget.ConstraintLayout
t

```

```

android:layout_width="232dp"
android:layout_height="wrap_content"
android:layout_marginStart="40dp"
android:layout_marginLeft="50dp"
android:layout_marginBottom="15dp"
android:gravity="end"
android:paddingTop="20dp"
android:paddingRight="30dp"
android:text="TRIFECTA"

```

```

android:textColor="@color/white"
android:textSize="30sp"
android:textStyle="bold" />

```

```

<androidx.appcompat.widget.Toolbar
android:id="@+id/toolbar"
android:layout_width="42dp"
android:layout_height="42dp"
android:layout_marginLeft="50dp"
android:layout_marginBottom="10dp"
android:background="@drawable/circle"
android:paddingEnd="10dp"

```

```
android:popupTheme="@style/ThemeOverlay.AppCompat.Dark"
```

```
android:theme="@style/ThemeOverlay.AppCompat.Light" />
</LinearLayout>
```

```
<LinearLayout android:layout_width="match_parent"
android:layout_height="match_parent"
android:gravity="center"
android:orientation="vertical">
```

```
<!-- Raji's Section -->
<LinearLayout android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginBottom="16dp"
android:gravity="center"
android:orientation="vertical">
```

```
<ImageView android:id="@+id/rajiImage"
android:layout_width="170dp"
android:layout_height="173dp"
android:layout_marginBottom="8dp"
android:background="@drawable/circle"
android:scaleType="centerCrop"
android:src="@drawable/raji" />
```

```
<TextView android:id="@+id/rajiName"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:gravity="center" android:text="RAJI"
android:textColor="@color/white"
android:textSize="16sp" android:textStyle="bold"
/>
</LinearLayout>
```

```
<!-- Nivasshini's Section -->
<LinearLayout
```

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginBottom="16dp"
android:gravity="center"
android:orientation="vertical">
```

```
<ImageView
android:id="@+id/nivasshiniImage"
android:layout_width="169dp"
android:layout_height="157dp"
android:layout_marginBottom="8dp"
android:background="@drawable/circle"
android:scaleType="centerCrop"
android:src="@drawable/nivasshini" />
```

```
<TextView
android:id="@+id/nivasshiniName"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:gravity="center"
android:text="NIVASSHINI"
android:textColor="@color/white"
android:textSize="16sp"
android:textStyle="bold" />
</LinearLayout>
```

```
<!-- Harini's Section -->
<LinearLayout
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:gravity="center"
android:orientation="vertical">
```

```
<ImageView android:id="@+id/hariniImage"
android:layout_width="169dp"
android:layout_height="162dp"
android:layout_marginBottom="8dp"
android:background="@drawable/circle"
android:scaleType="centerCrop"
android:src="@drawable/harini" />
```

```
<TextView android:id="@+id/hariniName"
```

```

android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:gravity="center"
android:text="HARINI"
android:textColor="@color/white"
android:textSize="16sp"
android:textStyle="bold" />
</LinearLayout>
</LinearLayout>
<!-- Popup Button -->
</LinearLayout>

```

activity_member_detail.xml:

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:padding="16dp">

<ImageView
android:id="@+id/memberImage"
android:layout_width="200dp"

android:layout_height="200dp"
android:layout_gravity="center"
android:layout_marginBottom="16dp" />

<TextView android:id="@+id/memberDetail"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:textSize="18sp"
android:text="Member Details" />
</LinearLayout>

```

activity_nivasshini.xml:

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:padding="16dp" android:gravity="center">

<ImageView
android:id="@+id/nivasshiniDetailImage"
android:layout_width="169dp"
android:layout_height="168dp"
android:layout_marginBottom="16dp"
android:background="@drawable/circle"
android:scaleType="centerCrop"
android:src="@drawable/nivasshini"

tools:ignore="ContentDescription" />

```

```
<TextView
android:id="@+id/nivasshiniDetailName"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="NIVASSHINI"
android:textSize="24sp"
android:textStyle="bold"
android:gravity="center"
tools:ignore="HardcodedText" />
```

```
<TextView
android:id="@+id/nivasshiniDetails"
android:layout_width="353dp"
android:layout_height="wrap_content"
android:layout_marginTop="20dp"
android:gravity="center"
android:layout_margin="10dp"
```

android:text="Hi, I'm Nivas!

Welcome to my blog! I'm a passionate tech enthusiast with a love for web development, app creation, and exploring new technologies. I enjoy taking on challenges, learning new skills, and applying them to real-world projects. This blog is my space to share my journey, experiences, and everything I discover along the way. From coding tutorials to design tips, I aim to create valuable content for those who share my

Activity_harini.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:padding="16dp" android:gravity="center">

<ImageView
android:id="@+id/hariniDetailImage"
android:layout_width="191dp"
android:layout_height="188dp"
android:layout_marginBottom="16dp"
android:background="@drawable/circle"
android:scaleType="centerCrop"
android:src="@drawable/harini"
tools:ignore="ContentDescription" />

<TextView
android:id="@+id/hariniDetailName"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:gravity="center"
android:text="HARINI"
```

interests. I'm excited to connect with fellow learners and creators. Thanks for visiting, and I hope you find something inspiring here!

```
"
android:textSize="16sp"
tools:ignore="HardcodedText" />
</LinearLayout>
```

```
android:textSize="24sp"
android:textStyle="bold"
tools:ignore="HardcodedText" />
```

```
<TextView android:id="@+id/hariniDetails"
android:layout_width="339dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:gravity="center"
android:text="Hello, I'm Harini!"
```

I'm an artist who believes that every brushstroke tells a story, and every color holds a feeling. Through my art, I explore the endless possibilities of imagination, translating emotions, experiences, and visions into vibrant creations. Whether it's painting, sketching, or digital art, I'm always seeking new ways to express myself and capture the beauty of the world around me. My work is a reflection of my journey, a mix of bold ideas and subtle details. This space is where I share my art, inspiration, and the process behind every piece. Let's create together!"

```
android:textSize="16sp"
tools:ignore="HardcodedText" />
</LinearLayout>
```

activity_raji.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:gravity="center"
android:orientation="vertical"
android:padding="16dp">

<ImageView android:id="@+id/rajiDetailImage"
android:layout_width="209dp"
android:layout_height="205dp"
android:layout_marginBottom="16dp"
android:background="@drawable/circle"
android:scaleType="centerCrop"
android:src="@drawable/raji"
tools:ignore="ContentDescription" />

<TextView
android:id="@+id/rajiDetailName"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
```

```
android:gravity="center"
android:text="RAJI"
android:textSize="24sp"
android:textStyle="bold"
tools:ignore="HardcodedText" />
```

```
<TextView android:id="@+id/rajiDetails"
android:layout_width="331dp"
android:layout_height="wrap_content"
android:layout_marginTop="8dp"
android:gravity="center"
android:text="Hello, I'm Raji, a passionate and
dedicated individual with a strong interest in
technology and development. I enjoy working on
various projects, ranging from web and mobile
applications to data-driven solutions. With a keen eye
for detail, I strive to create innovative and efficient
solutions that make a difference. My work is guided
by a commitment to learning and continuous
improvement, and I'm always eager to take on new
challenges and expand my skills."
android:textSize="16sp"
tools:ignore="HardcodedText" />
</LinearLayout>
```

MainActivity.kt:

```
package com.example.smartspender

import android.content.Intent
import android.os.Bundle
import android.view.*
import android.widget.ImageView
import android.widget.PopupMenu
import android.widget.TextView
import androidx.appcompat.app.AppCompatActivity
import androidx.appcompat.widget.Toolbar

class MainActivity : AppCompatActivity() {
```

```
override fun onCreate(savedInstanceState:
Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_main) val
toolbar =
    findViewById<Toolbar>(R.id.toolbar)// This enables
the menu
    setSupportActionBar(toolbar)
    // No back arrow
    // Set custom menu icon

    // Team member 1 - Raji val
rajiImage =
    findViewById<ImageView>(R.id.rajiImage)
```

```

val rajiName =
findViewById<TextView>(R.id.rajiName)
rajiImage.setOnClickListener {
navigateTo(RajiActivity::class.java) }
rajiName.setOnClickListener {
navigateTo(RajiActivity::class.java) }

// Team member 2 - Nivasshini val
nivasshiniImage =
findViewById<ImageView>(R.id.nivasshiniImage)
val nivasshiniName =
findViewById<TextView>(R.id.nivasshiniName)
nivasshiniImage.setOnClickListener {
navigateTo(NivasshiniActivity::class.java) }
nivasshiniName.setOnClickListener {
navigateTo(NivasshiniActivity::class.java) }

// Team member 3 - Harini val
hariniImage =
findViewById<ImageView>(R.id.hariniImage)
val hariniName =
findViewById<TextView>(R.id.hariniName)
hariniImage.setOnClickListener {
navigateTo(HariniActivity::class.java) }
hariniName.setOnClickListener {
navigateTo(HariniActivity::class.java) }

// Set up Popup Menu for additional actions

}

```

AboutUsActivity.kt:

```

package com.example.smartspender

import android.content.Intent
import android.os.Bundle
import android.view.ContextMenu
import android.view.MenuInflater
import android.view.MenuItem
import android.view.View
import android.widget.ImageView
import androidx.appcompat.app.AppCompatActivity

```

```

// Method for navigation to other activities private
fun navigateTo(activityClass: Class<*>) {
val intent = Intent(this, activityClass)
startActivity(intent)
}

// Create the Options Menu
override fun onCreateOptionsMenu(menu: Menu?):
Boolean {
menuInflater.inflate(R.menu.main_menu, menu)
return true
}

// Handle Options Menu Item selection
override fun onOptionsItemSelected(item:
MenuItem): Boolean {
when (item.itemId) {
R.id.about_us -> startActivity(Intent(this,
AboutUsActivity::class.java))
R.id.team_details -> startActivity(Intent(this,
TeamDetailsActivity::class.java))
R.id.team_members -> startActivity(Intent(this,
TeamMembersActivity::class.java))
R.id.project_description -> startActivity(Intent(this,
ProjectDescriptionActivity::class.java))
}
return super.onOptionsItemSelected(item)
}
}

```

```

class AboutUsActivity : AppCompatActivity() {
private lateinit var aboutUsImage: ImageView

override fun onCreate(savedInstanceState:
Bundle?) {
super.onCreate(savedInstanceState)
setContentView(R.layout.activity_about_us)
}
}

```



```

aboutUsImage =
findViewById(R.id.aboutUsImage)
registerForContextMenu.aboutUsImage) //
Register the context menu for the image
}

// Create the Context Menu when long-pressed
override fun onCreateContextMenu(menu:
ContextMenu, v: View, menuInfo:
ContextMenu.ContextMenuInfo?) {
super.onCreateContextMenu(menu, v, menuInfo) val
inflater: MenuInflater = menuInflater
inflater.inflate(R.menu.context_menu, menu) //
Load menu options from XML
}

// Handle Context Menu Clicks
override fun onContextItemSelected(item:
MenuItem): Boolean {
return when (item.itemId) {
R.id.nivasshini -> {
navigateTo(NivasshiniActivity::class.java)
}
}
}

```

HariniActivity.kt:

```

package com.example.smartspender

import android.content.Intent
import android.os.Bundle
import android.view.Menu
import android.view.MenuItem
import androidx.appcompat.app.AppCompatActivity

class HariniActivity : AppCompatActivity() {
override fun onCreate(savedInstanceState:
Bundle?) {
super.onCreate(savedInstanceState)
setContentView(R.layout.activity_harini)

// Additional details about Raji can be set up here if
needed.
}
override fun onCreateOptionsMenu(menu: Menu?):
Boolean {

```

```

true
}
R.id.raji -> {
navigateTo(RajiActivity::class.java) true
}
R.id.harini -> {
navigateTo(HariniActivity::class.java) true
}
else -> super.onContextItemSelected(item)
}
}

```

```

// Function to Navigate to the Selected Person's Page
private fun navigateTo(activityClass: Class<*>) { val
intent = Intent(this, activityClass)
startActivity(intent)
}
}

```

```

menuInflater.inflate(R.menu.main_menu, menu)
return super.onCreateOptionsMenu(menu)
}

override fun onOptionsItemSelected(item:
MenuItem): Boolean {
when (item.itemId) { R.id.about_us ->
{
val intent = Intent(this, AboutUsActivity::class.java)
startActivity(intent)
}
R.id.team_details -> {
val intent = Intent(this,
TeamDetailsActivity::class.java)
startActivity(intent)
}
R.id.team_members -> {

```

```

val intent = Intent(this,
TeamMembersActivity::class.java)
startActivity(intent)
}
R.id.project_description -> { val
intent = Intent(this,
ProjectDescriptionActivity::class.java)
startActivity(intent)

}

```

RajiActivity.kt:

```

package com.example.smartspender

import android.content.Intent
import android.os.Bundle
import android.view.Menu
import android.view.MenuItem
import androidx.appcompat.app.AppCompatActivity

class RajiActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState:
Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_raji)

        // Additional details about Raji can be set up here if
        needed.
    }

    override fun onCreateOptionsMenu(menu: Menu?):
Boolean {
        menuInflater.inflate(R.menu.main_menu, menu)
        return super.onCreateOptionsMenu(menu)
    }

    override fun onOptionsItemSelected(item:
MenuItem): Boolean {
        when (item.itemId) {

```

NivasshiniActivity.kt:

```

package com.example.smartspender

```

```

else -> return super.onOptionsItemSelected(item)
}
return true
}
}

```

```

R.id.about_us -> {
    val intent = Intent(this, AboutUsActivity::class.java)
    startActivity(intent)
}
R.id.team_details -> {
    val intent = Intent(this,
TeamDetailsActivity::class.java)
    startActivity(intent)
}
R.id.team_members -> { val
intent = Intent(this,
TeamMembersActivity::class.java)
    startActivity(intent)

}
R.id.project_description -> { val
intent = Intent(this,
ProjectDescriptionActivity::class.java)
    startActivity(intent)
}
else -> return super.onOptionsItemSelected(item)
}
return true

}
}

```

```

import android.content.Intent

```

```
import  
android.os.Bundle import  
android.view.  
Menu import  
android.view.  
MenuItem
```

```

import androidx.appcompat.app.AppCompatActivity

class NivasshiniActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_nivasshini)

        // Additional details about Raji can be set up here if needed.
    }
    override fun onCreateOptionsMenu(menu: Menu?): Boolean {
        menuInflater.inflate(R.menu.main_menu, menu)
        return super.onCreateOptionsMenu(menu)
    }

    override fun onOptionsItemSelected(item: MenuItem): Boolean {
        when (item.itemId) { R.id.about_us ->
        {
            val intent = Intent(this, AboutUsActivity::class.java)

```

```

startActivity(intent)
        }
        R.id.team_details -> {
            val intent = Intent(this, TeamDetailsActivity::class.java)
            startActivity(intent)
        }
        R.id.team_members -> { val
            intent = Intent(this, TeamMembersActivity::class.java)
            startActivity(intent)
        }
        R.id.project_description -> { val
            intent = Intent(this, ProjectDescriptionActivity::class.java)
            startActivity(intent)
        }
        else -> return super.onOptionsItemSelected(item)
    }
    return true
}
}

```



