

PODCAST PLUS:A REDUX INSPIRED PODCAST APP WITH DYNAMIC THEMES FOR ANDROID

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DESCRIPTION

- Podcast Player App Features:
- Vast Podcast Library: Access a huge selection of podcasts across various genres including news, comedy, storytelling, education, and more.
- Easy Discovery: Browse trending, recommended, and new podcasts, or use advanced search filters to find specific episodes or shows.
- Custom Playlists: Create and manage personalized playlists to keep all your favorite episodes organized and easily accessible.
- Offline Mode: Download episodes for offline listening, perfect for when you're traveling or have limited data access.
- Playback Controls: Control playback speed, skip ahead, rewind, set a sleep timer, and save bookmarks for your favorite moments.
- Notifications: Get alerts when new episodes from your subscribed shows are released, ensuring you never miss out.
- Cross-Device Sync: Sync your progress across devices, so you can seamlessly continue listening wherever you go.
- User-Friendly Interface: Enjoy a clean, intuitive design that makes navigating, discovering, and managing podcasts effortless.
- Automatic Episode Downloads: Set up auto-downloads for new episodes, so they're ready for you to listen at any time.
- Bookmark & Share: Easily bookmark key moments and share your favorite episodes with friends via social media or messaging apps.

Main Activity:

```
package com.example.podcastplayer

import android.content.Context
import android.media.MediaPlayer
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.BorderStroke
import androidx.compose.foundation.Image
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.rememberScrollState
import androidx.compose.foundation.verticalScroll
import androidx.compose.material.*
import androidx.compose.runtime.*
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.em
import androidx.compose.ui.unit.sp
import com.example.podcastplayer.ui.theme.PodcastPlayerTheme
```

```
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            PodcastPlayerTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background

                ) {
                    playAudio(this)
                }
            }
        }
    }
}
```

```
@Composable
fun playAudio(context: Context) {

    Column(modifier = Modifier.fillMaxSize()) {

        Column(horizontalAlignment = Alignment.CenterHorizontally, verticalArrangement =
Arrangement.Center) {
```

```
Text(text = "PODCAST",  
      modifier = Modifier.fillMaxWidth(),  
      textAlign = TextAlign.Center,  
      color = Color(0xFF6a3ef9),  
      fontWeight = FontWeight.Bold,  
      fontSize = 36.sp,  
      style = MaterialTheme.typography.h1,  
      letterSpacing = 0.1.em  
    )  
}
```

```
Column(modifier = Modifier  
        .fillMaxSize()  
        .verticalScroll(rememberScrollState())) {
```

```
    Card(  
        elevation = 12.dp,  
        border = BorderStroke(1.dp, Color.Magenta),  
        modifier = Modifier  
            .padding(16.dp)  
            .fillMaxWidth()  
            .height(250.dp)  
    )  
    {  
        val mp: MediaPlayer = MediaPlayer.create(context, R.raw.audio)
```

Column(

```
    modifier = Modifier.fillMaxSize(),  
    horizontalAlignment = Alignment.CenterHorizontally
```

```
) {
```

```
    Image(
```

```
        painter = painterResource(id = R.drawable.img),  
        contentDescription = null, modifier = Modifier  
            .height(150.dp)  
            .width(200.dp),
```

```
    )
```

```
    Text(
```

```
        text = "GaurGopalDas Returns To TRS - Life, Monkhood & Spirituality",  
        textAlign = TextAlign.Center,  
        modifier = Modifier.padding(start = 20.dp, end = 20.dp)
```

```
)
```

```
Row() {
```

```
    IconButton(onClick = { mp.start() }, modifier = Modifier.size(35.dp)) {
```

```
        Icon(painter = painterResource(id = R.drawable.play),  
            contentDescription = ""
```

```
        )
```

```
    }
```

```
    IconButton(onClick = { mp.pause() }, modifier = Modifier.size(35.dp)) {
```

```
        Icon(  
            painter = painterResource(id = R.drawable.pause),  
            contentDescription = ""
```

```
        )
```

```
    }
```

Card(

```
elevation = 12.dp,  
border = BorderStroke(1.dp, Color.Magenta),  
modifier = Modifier  
    .padding(16.dp)  
    .fillMaxWidth()  
    .height(250.dp)
```

)

{

```
val mp: MediaPlayer = MediaPlayer.create(context, R.raw.audio_1)
```

Column(

```
    modifier = Modifier.fillMaxSize(),  
    horizontalAlignment = Alignment.CenterHorizontally
```

) {

Image(

```
    painter = painterResource(id = R.drawable.img_1),  
    contentDescription = null,  
    modifier = Modifier  
        .height(150.dp)  
        .width(200.dp)
```

)

Text(

```
    text = "Haunted Houses, Evil Spirits & The Paranormal Explained | Sarbajeet Mohanty",  
    textAlign = TextAlign.Center,  
    modifier = Modifier.padding(start = 20.dp, end = 20.dp)
```

```
Row() {  
  
    IconButton(onClick = { mp.start() }, modifier = Modifier.size(35.dp)) {  
        Icon(  
            painter = painterResource(id = R.drawable.play),  
            contentDescription = ""  
        )  
    }  
    IconButton(onClick = { mp.pause() }, modifier = Modifier.size(35.dp)) {  
        Icon( painter = painterResource(id = R.drawable.pause),  
            contentDescription = ""  
        )  
    }  
}  
}  
}  
Card(  
    elevation = 12.dp,  
    border = BorderStroke(1.dp, Color.Magenta),  
    modifier = Modifier  
        .padding(16.dp)  
        .fillMaxWidth()  
        .height(250.dp)  
)  
{  
    val mp: MediaPlayer = MediaPlayer.create(context, R.raw.audio_3)
```


Column(

```
    modifier = Modifier.fillMaxSize(),
    horizontalAlignment = Alignment.CenterHorizontally
) {
    Image(
        painter = painterResource(id = R.drawable.img_3),
        contentDescription = null,
        modifier = Modifier
            .height(150.dp)
            .width(200.dp),
    )
    Text(
        text = "Tantra Explained Simply | Rajarshi Nandy - Mata, Bhairav & Kamakhya Devi",
        textAlign = TextAlign.Center,
        modifier = Modifier.padding(start = 20.dp, end = 20.dp)
    )
}
```

Row() {

```
    IconButton(onClick = { mp.start() }, modifier = Modifier.size(35.dp)) {
        Icon(
            painter = painterResource(id = R.drawable.play),
            contentDescription = ""
        )
    }

    IconButton(onClick = { mp.pause() }, modifier = Modifier.size(35.dp)) {
        Icon(
            painter = painterResource(id = R.drawable.pause),
```

```
contentDescription = ""
    )
    }
    }
}
Card(
    elevation = 12.dp,
    border = BorderStroke(1.dp, Color.Magenta),
    modifier = Modifier
        .padding(16.dp)
        .fillMaxWidth()
        .height(250.dp)
)
{
    val mp: MediaPlayer = MediaPlayer.create(context, R.raw.audio_4)

    Column(
        modifier = Modifier.fillMaxSize(),
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Image(
            painter = painterResource(id = R.drawable.img_4),
            contentDescription = null,
            modifier = Modifier
                .height(150.dp)
                .width(200.dp),
        )
    }
}
```

Text(

```
text = "Complete Story Of Shri Krishna - Explained In 20 Minutes",  
textAlign = TextAlign.Center,  
modifier = Modifier.padding(start = 20.dp, end = 20.dp)
```

)

Row() {

```
IconButton(onClick = { mp.start() }, modifier = Modifier.size(35.dp)) {
```

```
Icon(
```

```
painter = painterResource(id = R.drawable.play),
```

```
contentDescription = ""
```

```
)
```

```
}
```

```
IconButton(onClick = { mp.pause() }, modifier = Modifier.size(35.dp)) {
```

```
Icon( painter = painterResource(id = R.drawable.pause),
```

```
contentDescription = ""
```

```
)
```

```
}
```

```
}
```

```
}
```

Card(

```
elevation = 12.dp,
```

```
border = BorderStroke(1.dp, Color.Magenta),
```

```
modifier = Modifier
```

```
.padding(16.dp)
```

```
.fillMaxWidth()
```

```
.height(250.dp)
```

)

```
{  
    val mp: MediaPlayer = MediaPlayer.create(context, R.raw.audio_5)  
    Column(  
        modifier = Modifier.fillMaxSize(),  
        horizontalAlignment = Alignment.CenterHorizontally  
    ) {  
        Image(  
            painter = painterResource(id = R.drawable.img_5),  
            contentDescription = null,  
            modifier = Modifier  
                .height(150.dp)  
                .width(200.dp),  
        )  
        Text(  
            text = "Mahabharat Ki Poori Kahaani - Arjun, Shri Krishna & Yuddh - Ami Ganatra ",  
            textAlign = TextAlign.Center,  
            modifier = Modifier.padding(start = 20.dp, end = 20.dp)  
        )  
        Row() {  
  
            IconButton(onClick = { mp.start() }, modifier = Modifier.size(35.dp)) {  
                Icon(  
                    painter = painterResource(id = R.drawable.play),  
                    contentDescription = ""  
                )  
            }  
        }  
    }  
}
```

Android.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

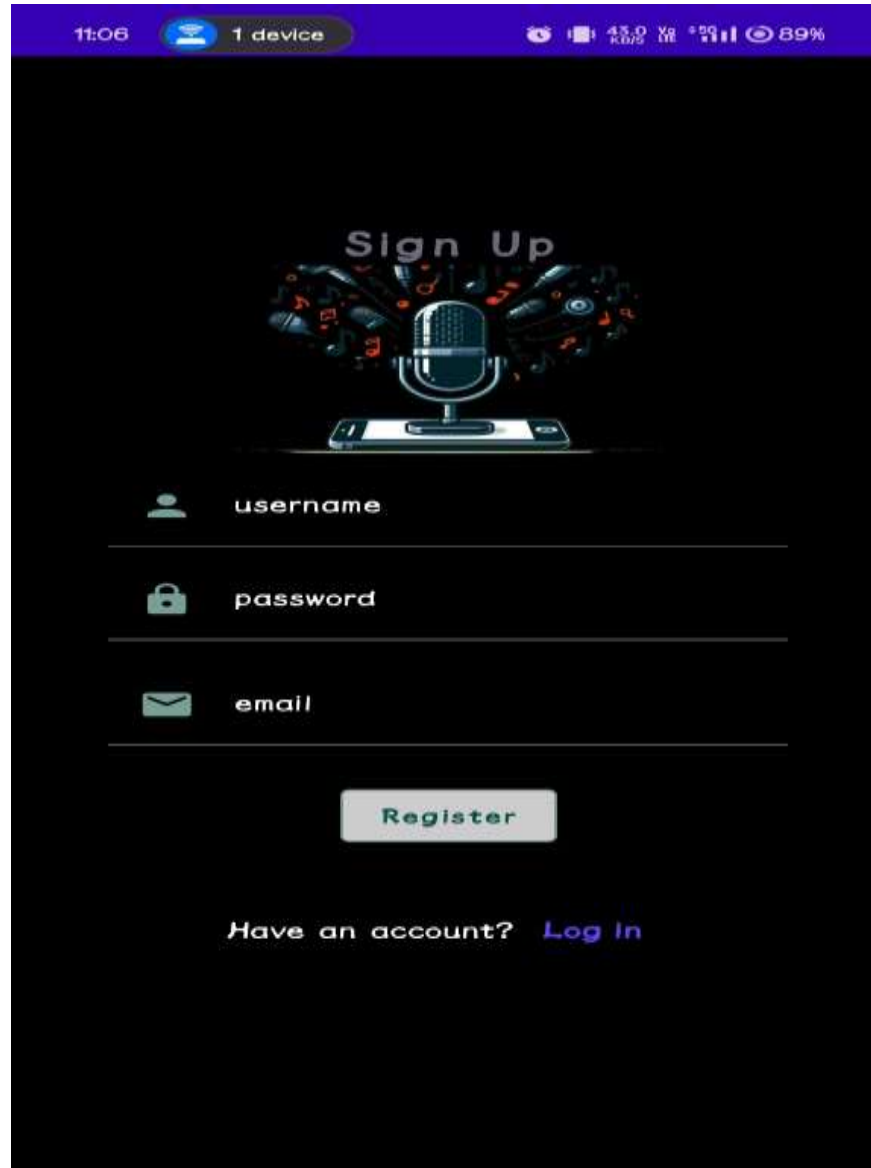
    <application
    {
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@drawable/podcast_icon"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/Theme.PodcastPlayer"
        tools:targetApi="31">
        <activity
            android:name=".RegistrationActivity"
            android:exported="false"
            android:label="@string/title_activity_registration"
            android:theme="@style/Theme.PodcastPlayer" />
        <activity
            android:name=".MainActivity"
            android:exported="false"
            android:label="@string/title_activity_login"
            android:theme="@style/Theme.PodcastPlayer" />
```

```
<activity
  android:name=".LoginActivity"
  android:exported="true"
  android:label="@string/app_name"
  android:theme="@style/Theme.PodcastPlayer">
  <intent-filter>
    <action android:name="android.intent.action.MAIN" />

    <category android:name="android.intent.category.LAUNCHER" />
  </intent-filter>
</activity>
</application>


</manifest>
```


OUTPUT:




11:06 1 device 45.0 KB/s 89%

Sign Up

 username

 password

 email

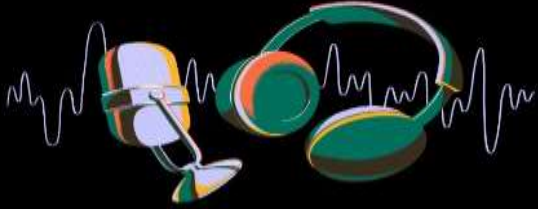
Register

Have an account? [Log In](#)


11:05


1 device

100% 5G 88%



LOGIN

 username

 password

Log In

Sign up

Forgot password?

11:07

1 device

0:30 5G 89%

PODCAST



Tantra Explained Simply | Rajarshi Nandy –
Mata, Bhairav & Kamakhya Devi



Complete Story Of Shri Krishna – Explained
In 20 Minutes



Mahabharat Ki Poori Kahaani – Arjun, Shri

11:07



1 device



1.00

Kbps

Vg

5G

89%

PODCAST



GaurGopalDas Returns To TRS – Life, Monkhhood & Spirituality



Haunted Houses, Evil Spirits & The Paranormal Explained | Sarbajeet Mohanty

