

**NATIONAL TEXTILE UNIVERSITY  
DEPARTMENT OF COMPUTER SCIENCE**



**COURSE NAME:** Mobile Application and Development

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**SEMESTER:** 7<sup>th</sup>

**BSCS-7**

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**XYLOPHONE**

**Main.dart:**

```
import 'package:flutter/material.dart';
import 'package:location/location.dart';
import 'package:http/http.dart';
import 'package:audioplayers/audioplayers.dart';
import 'package:url_launcher/url_launcher.dart';

void main() {
  runApp(MaterialApp(
    home: Home(),
  ));
}

class Home extends StatelessWidget {
  const Home({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
```

```
body: SafeArea(child: Container(
  margin: new EdgeInsets.all(50),
  child: Center(
    child: Column(
      children: <Widget>[
        SizedBox(
          width: double.infinity,
          height:50,
          child: TextButton(
            style: TextButton.styleFrom(backgroundColor:
Colors.pinkAccent),
            onPressed: () {
              final player= AudioPlayer();
              player.play(UrlSource('assets/note1.wav'));
            }, child: Text('Note1', style:
TextStyle(color: Colors.cyan,fontWeight: FontWeight.bold)),
          ),
        ),
        SizedBox(
          width: double.infinity,
          height:50,
          child: TextButton(
            style: TextButton.styleFrom(backgroundColor:
Colors.purple),
            onPressed: () {
              final player= AudioPlayer();
              player.play(UrlSource('assets/note2.wav'));
            }, child: Text('Note2', style:
TextStyle(color: Colors.grey,fontWeight: FontWeight.bold)),
          ),
        ),
        SizedBox(
          width: double.infinity,
          height:50,
          child: TextButton(
            style: TextButton.styleFrom(backgroundColor:
Colors.purpleAccent),
            onPressed: () {
              final player= AudioPlayer();
              player.play(UrlSource('assets/note3.wav'));
            }, child: Text('Note3', style:
TextStyle(color: Colors.blue,fontWeight: FontWeight.bold)),
          ),
        ),
        ),
      ],
    ),
  ),
),
SizedBox(
  width: double.infinity,
  height:50,
```

```

        child: TextButton(
          style: TextButton.styleFrom(backgroundColor: Colors.teal),

          onPressed: () {
            final player= AudioPlayer();
            player.play(UrlSource('assets/note4.wav'));
          }, child: Text('Note4', style:
            TextStyle(color: Colors.lightGreenAccent,fontWeight:
FontWeight.bold),),
        ),
      ),
    SizedBox(

      width: double.infinity,
      height:50,

      child: TextButton(
        style: TextButton.styleFrom(backgroundColor:
Colors.orangeAccent),
        onPressed: () {
          final player= AudioPlayer();
          player.play(UrlSource('assets/note5.wav'));
        }, child: Text('Note5', style:
          TextStyle(color: Colors.cyan,fontWeight: FontWeight.bold),),
        ),
      ),
    SizedBox(

      width: double.infinity,
      height:50,

      child: TextButton(
        style: TextButton.styleFrom(backgroundColor:
Colors.lightGreen),
        onPressed: () {
          final player= AudioPlayer();
          player.play(UrlSource('assets/note6.wav'));
        }, child: Text('Note6', style:
          TextStyle(color: Colors.teal,fontWeight: FontWeight.bold),),
        ),
      ),
    SizedBox(

      width: double.infinity,
      height:50,

      child: TextButton(
        style: TextButton.styleFrom(backgroundColor:
Colors.blueGrey),
        onPressed: () {
          final player= AudioPlayer();
          player.play(UrlSource('assets/note7.wav'));
        }, child: Text('Note7', style:
          TextStyle(color: Colors.indigo,fontWeight:

```

```

FontWeight.bold), ),
    ),
  ],
),
),
)),
),
);
}
}

```

## Pubspec.yaml:{MODIFICATIONS}

```

flutter:
  sdk: flutter

# The following adds the Cupertino Icons font to your application.
# Use with the CupertinoIcons class for iOS style icons.
cupertino_icons: ^1.0.2
location: ^4.4.0
http: ^0.13.5
audioplayers: ^1.1.1
url_launcher: ^6.1.6

```

## Screenshots:

