



# MALLA REDDY UNIVERSITY

(As per Telangana State Private Universities Act No.11 of 2018 and G.O.Dts.No.14, Higher Education (UE) Department)

## IDEA CREATION-1

on

## QUIZ BUZZ

**Batch Number : CS Alpha-04**

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# **OVERVIEW of the Presentation :-**

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# ABSTRACT:

Quiz Buzz is generates new questions and the levels of critical thinking problems is functioned although u can set the difficulty and you can choose interested yet desired topic so that one can focus on the particular subject. We additionally have an option of choosing all subject questions in a single quiz and grades will be stored so that improvement can be regulated on regular basis.

The Quiz Buzz also incorporates diverse question formats, including multiple-choice, true/false, and open-ended questions, fostering a comprehensive understanding of the subject matter. Additionally, it offers instant feedback and detailed explanations, promoting active learning and addressing misconceptions.

## Objective :

The app will offer various types of quizzes, including jee mains, advance, emcet, sports, and general knowledge. Users can choose from a range of topics that interest them. The quiz buzz primary goal is to engage users by challenging their knowledge and curiosity. Well-structured questions and captivating content will keep users coming back for more. The app intends to strike a balance between education and entertainment. Users can learn new facts while enjoying the quiz format. Each quiz will have a limited number of questions to maintain user interest and prevent fatigue. Users will earn credit scores for correct answers. The scoring system encourages participation and healthy competition.

# Introduction :

The Quiz buzz Application is an interactive platform designed to challenge users knowledge. Whether you're a trivia enthusiast or seeking a fun activity, this app caters to diverse interests. Engage, learn, and test your wits with captivating quizzes! This application is not only a valuable tool for educators seeking to personalize assessments but also serves as a self-paced learning platform for individuals. By harnessing the power of adaptability and artificial intelligence, the quiz buzz revolutionizes traditional quiz formats, making learning more efficient, enjoyable, and tailored to the unique needs of each user.

# Literature Survey :

- **"Quiz Show" Documentary:** A documentary exploring the infamous quiz show scandals of the 1950s in the United States, shedding light on the darker side of quiz shows.
- **Online Articles on Trivia Shows:** Websites like Mental Floss, BBC, and BuzzFeed often have articles about famous moments in quiz show history, interesting trivia facts, and behind-the-scenes looks at popular quiz programs.
- **Podcasts:** Podcasts like "Good Job, Brain!" and "Ask Me Another" by NPR often feature trivia games, discussions about quiz shows, and interviews with contestants.

## Existing System :

The existing quiz generator app allows users to create quizzes manually by inputting questions, answers, and other relevant details. However, it lacks automation and customization features, making it time-consuming for users to create quizzes efficiently.

# Proposed System :

The proposed quiz generator app will feature an intuitive user interface where users can input topics and desired difficulty levels, and the app will automatically generate quizzes based on predefined question databases. Additionally, it will offer customization options such as adding images, randomizing question order, and generating answer keys. This system aims to streamline the quiz creation process, saving users time and effort while providing engaging and varied quizzes.



# Methodology :

- **Question Selection:** Curated questions covering various categories and difficulty levels.
- **Gameplay:** Buzzers for quick responses, timed rounds, and sometimes multiple-choice questions.
- **Scoring:** Points for correct answers, penalties for incorrect ones.
- **Prize Structure:** Cash prizes or rewards for winners, often escalating.
- **Research and Development:** Pilots and feedback for continuous improvement.

# Modules Of The Project :

Creating a quiz project in Java typically involves breaking down the functionality into modules to manage different aspects such as user input, question handling, scoring, etc. Below, I'll outline a basic structure for such a project with some key modules:

**Login & Signup Interface Class:** This class handles the login and signup interface.

**Admin Class:** This class represents an admin with username and password.

**Admin Manager Class:** This class manages admin authentication.

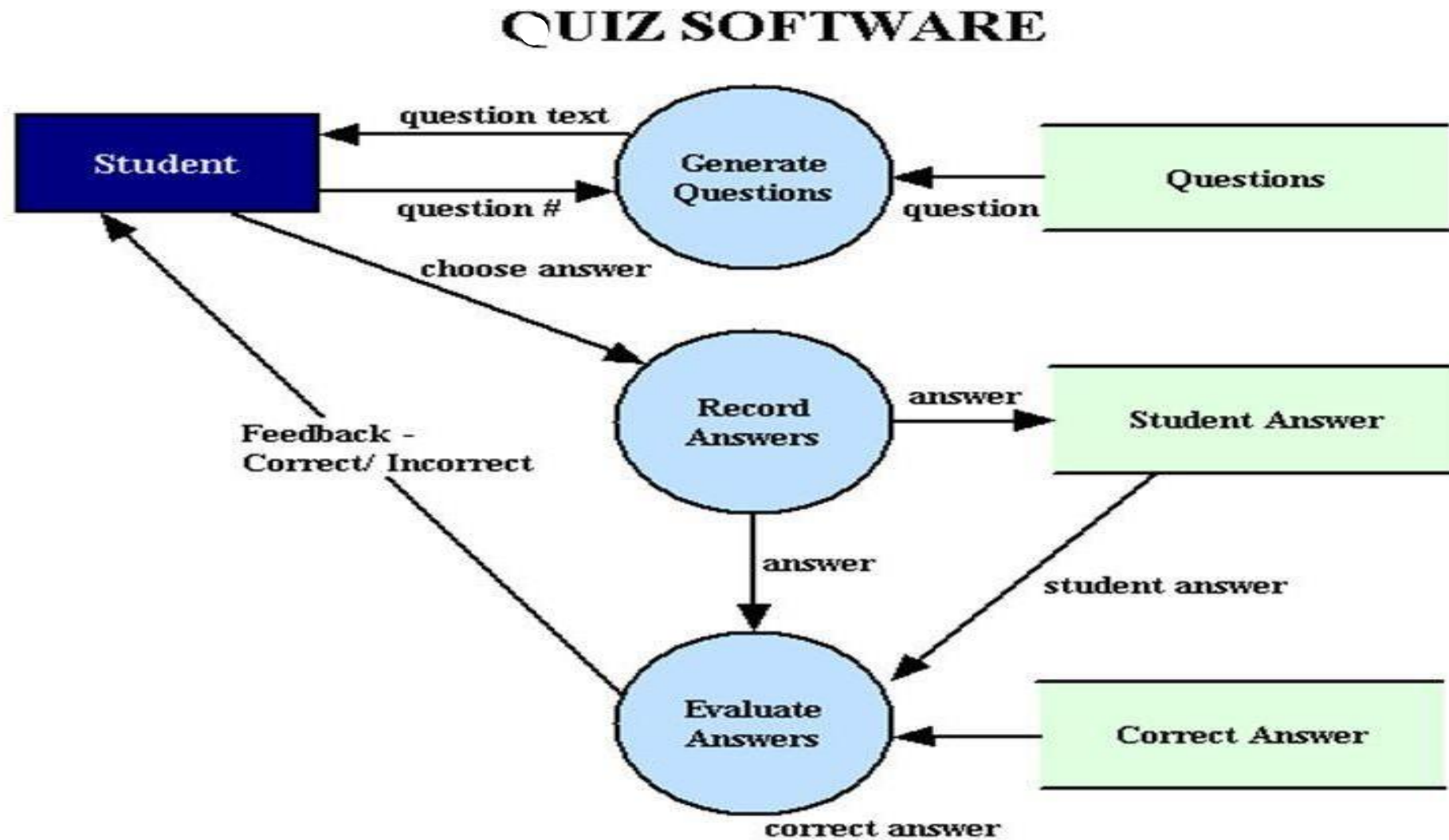
**Admin Interface Class:** This class handles the admin interface.

**Student Class:** This class represents a student with username and password.

**Student Manager Class:** This class manages student authentication.

**Student Interface Class:** This class handles the student interface.

# Data Flow Diagram :



# System Requirements :

## Software Requirements

- XML is used to design structure of the page.
- Gradle is used for framework.
- SQLite is used for database of the page.
- Java is used for backend of the project

# Hardware Requirements

- PROCESSOR – Snapdragon 600
- RAM – 2GB to 4GB
- OS – iOS or Android
- STORAGE – 50MB

# APPLICATION OF CODE:

## FRONTEND CODE:

### ACTIVITY LOGIN.java

```
package com.androidapplicationdevelopment.quizbuzzbuildversion;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

public class LoginActivity extends AppCompatActivity {

    DBHelper DB;

    btn.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {
```

```
startActivity(new Intent(LoginActivity.this,RegistrationActivity.class));

}

});

btnlogin.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

startActivity(new Intent(LoginActivity.this,MainActivity.class));

}

});

btnlogin.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(getApplicationContext(), MainActivity.class);

startActivity(intent);

}

});

}

}
```

## ACTIVITY\_LOGIN.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="@mipmap/background3"
tools:context=".LoginActivity">
<ImageView
android:id="@+id/imageView"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_marginTop="56dp"
android:layout_marginBottom="42dp"
android:src="@mipmap/applogo"
app:layout_constraintBottom_toTopOf="@+id/textView"
app:layout_constraintTop_toTopOf="parent"
tools:ignore="MissingConstraints"
```



```
tools:layout_editor_absoluteX="0dp" />
<TextView
    android:id="@+id/textView"
    android:layout_width="320dp"
    android:layout_height="75dp"
    android:layout_marginTop="42dp"
    android:drawablePadding="10dp"
    android:gravity="center"
    android:paddingLeft="20dp"
    android:paddingTop="10dp"
    android:paddingRight="10dp"
    android:paddingBottom="20dp"
    android:text="Login"
    android:textAllCaps="true"
    android:textColor="@color/white"
    android:textSize="25dp"
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.494"
    app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toBottomOf="@+id/imageView"
```

```
tools:ignore="MissingConstraints" />
```

```
<EditText
```

```
android:id="@+id/inputUsername"
```

```
android:layout_width="0dp"
```

```
android:layout_height="48dp"
```

```
android:layout_marginStart="32dp"
```

```
android:layout_marginTop="24dp"
```

```
android:layout_marginEnd="32dp"
```

```
android:background="@drawable/input_bg"
```

```
android:drawableLeft="@drawable/ic_email"
```

```
android:drawablePadding="10dp"
```

```
android:drawableTint="#BB00FF"
```

```
android:ems="10"
```

```
android:hint="Enter Email Credential"
```

```
android:inputType="text"
```

```
android:paddingLeft="20dp"
```

```
android:paddingTop="10dp"
```

```
android:paddingRight="10dp"
```

```
android:paddingBottom="10dp"
android:textColor="@color/white"
android:textColorHint="@color/white"
android:textSize="15dp"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="1.0"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView"
tools:ignore="TextSizeCheck" />
```

<EditText

```
android:id="@+id/inputPassword"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="32dp"
android:background="@drawable/input_bg"
android:drawableLeft="@drawable/ic_confirmpasswordcheck"
android:drawablePadding="10dp"
android:drawableTint="#11FF00"
android:ems="10"
android:hint="Enter Password Credential"
```

```
android:inputType="text"
    android:minHeight="48dp"
    android:paddingLeft="20dp"
    android:paddingTop="10dp"
    android:paddingRight="10dp"
    android:paddingBottom="10dp"
    android:textColor="@color/white"
    android:textColorHint="@color/white"
    android:textSize="15dp"
    app:layout_constraintEnd_toEndOf="@+id/inputUsername"
    app:layout_constraintStart_toStartOf="@+id/inputUsername"
    app:layout_constraintTop_toBottomOf="@+id/inputUsername"
    tools:ignore="TextSizeCheck" />
<TextView
    android:id="@+id/forgotpassword"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="32dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="32dp"
```

```
android:gravity="center"
android:text="Forgot Password?"
android:textColor="@color/white"
android:textSize="19dp"
android:textStyle="italic"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/inputPassword"
app:layout_editor_absoluteX="97dp"
tools:ignore="MissingConstraints" />
```

<Button

```
android:id="@+id/loginbtn"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginStart="32dp"
android:layout_marginTop="20dp"
android:layout_marginEnd="32dp"
android:background="@drawable/btn_bg"
android:text="Login"
android:textColor="@color/black"
```

```
android:textSize="20dp"  
android:textStyle="italic"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.0"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toBottomOf="@+id/forgotpassword"  
tools:ignore="MissingConstraints" />
```

```
<LinearLayout
```

```
    android:id="@+id/linearLayout"  
    android:layout_width="0dp"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="16dp"  
    android:gravity="center"  
    android:orientation="horizontal"  
    android:textAlignment="center"  
    app:layout_constraintEnd_toEndOf="@+id/loginbtn"  
    app:layout_constraintHorizontal_bias="0.0"  
    app:layout_constraintStart_toStartOf="@+id/loginbtn"  
    app:layout_constraintTop_toBottomOf="@+id/loginbtn">
```

<TextView

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:text="I don't have an Account?"
    android:textColor="@color/white"
    android:textSize="19dp" />
```

<TextView

```
    android:id="@+id/textViewSignUp"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="64dp"
    android:text="By Malla Reddy University Students"
    android:textSize="22dp"
    android:textStyle="italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.463"
    app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toBottomOf="@+id/linearLayout"  
app:layout_constraintVertical_bias="0.824" />  
</androidx.constraintlayout.widget.ConstraintLayout>
```

### **REGISTRATION ACTIVITY.java**

```
package com.androidapplicationdevelopment.quizbuzzbuildversion;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.annotation.SuppressLint;  
  
import android.content.Intent;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.widget.EditText;  
  
import android.widget.TextView;  
  
import android.widget.Toast;  
  
public class RegistrationActivity extends AppCompatActivity {
```



DBhelper DB;

TextView btn;

```
private EditText inputUsername, inputPassword, inputEmail,  
    inputConformPassword;
```

Button btnRegister;

@SuppressWarnings("MissingInflatedId")

@Override

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_registration);
```

```
    btn = findViewById(R.id.alreadyhaveAccount);
```

```
    inputUsername = findViewById(R.id.inputUsername);
```

```
    inputEmail = findViewById(R.id.inputEmail);
```

```
    inputPassword = findViewById(R.id.inputPassword);
```

```
    inputConformPassword = findViewById(R.id.inputConformPassword);
```

```
    DB = new DBhelper(this);
```

```
    btnRegister = findViewById(R.id.btnRegister);
```

```
btnRegister.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View view) {
```

```
        checkCredentials();
```

```
    }
```

```
});
```

```
btn.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
```

```
        startActivity(new Intent(RegistrationActivity.this, LoginActivity.class));
```

```
    }
```

```
});
```

```
}
```

```
private void checkCredentials() {
```

```
    String username = inputUsername.getText().toString();
```

```
    String email = inputEmail.getText().toString();
```

```
    String password = inputPassword.getText().toString();
```

```
String conformpassword = inputConformPassword.getText().toString();

if (username.equals("") || password.equals("") || email.equals("") || conformpassword.equals(""))

    Toast.makeText(RegistrationActivity.this, "Please Enter All Fields", Toast.LENGTH_SHORT).show();

else {

    if (password.equals(conformpassword)) {

        Boolean checkuser = DB.checkusername(username);

        if (checkuser == false) {

            Boolean insert = DB.insertData(username, password);

            if (insert == true) {

                Toast.makeText(RegistrationActivity.this, "Registration Success", Toast.LENGTH_SHORT).show();

                Intent intent = new Intent(getApplicationContext(), LoginActivity.class);

                startActivity(intent);

            } else {

                Toast.makeText(RegistrationActivity.this, "Registration Failure (Something Went Wrong)",

                    Toast.LENGTH_SHORT).show();

            }

        } else {
```

```

Toast.makeText(RegistrationActivity.this, "User Already Exists! Please
Login Back", Toast.LENGTH_SHORT).show();

}

} else {

        Toast.makeText(RegistrationActivity.this, "Incorrect Password
(MissMatching Error)", Toast.LENGTH_SHORT).show();

    }

}

}

}

```

### **Activity\_registration.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"

    tools:layout_editor_absoluteX="0dp" />

```

android:background="@mipmap/background3"

tools:context=".RegistrationActivity">

<ImageView

android:id="@+id/imageView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginTop="24dp"

android:src="@mipmap/applogo"

app:layout\_constraintTop\_toTopOf="parent"

tools:ignore="MissingConstraints"

tools:layout\_editor\_absoluteX="0dp" />

<TextView

android:id="@+id/textView"

android:layout\_width="320dp"

android:layout\_height="75dp"

android:layout\_marginTop="32dp"

```
android:layout_marginBottom="16dp"

android:drawablePadding="10dp"

android:gravity="center"

android:paddingLeft="20dp"

android:paddingTop="10dp"

android:paddingRight="10dp"

android:paddingBottom="20dp"

android:text="Registration"

android:textAllCaps="true"

android:textColor="@color/white"

android:textSize="25dp"

android:textStyle="italic"

app:layout_constraintBottom_toTopOf="@+id/inputUsername"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/imageView"

tools:ignore="MissingConstraints" />
```

<EditText

android:id="@+id/inputUsername"

android:layout\_width="0dp"

android:layout\_height="48dp"

android:layout\_marginStart="32dp"

android:layout\_marginTop="16dp"

android:layout\_marginEnd="32dp"

android:background="@drawable/input\_bg"

android:drawableLeft="@drawable/ic\_person"

android:drawablePadding="10dp"

android:drawableTint="#A600FF"

android:ems="10"

android:textColorHint="@color/white"

android:hint="Enter Unique Username"

android:inputType="text"

android:paddingLeft="20dp"

android:paddingTop="10dp"

```
android:paddingRight="10dp"
android:paddingBottom="10dp"
android:textColor="@color/white"
android:textSize="15dp"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView"
tools:ignore="TextSizeCheck" />
```

```
<EditText
```

```
android:id="@+id/inputEmail"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="16dp"
android:background="@drawable/input_bg"
android:drawableLeft="@drawable/ic_email"
android:drawablePadding="10dp"
android:drawableTint="#00FFE1"
```



android:ems="10"

android:textColorHint="@color/white"

android:hint="Enter Authorised Email Address"

android:inputType="text"

android:minHeight="48dp"

android:paddingLeft="20dp"

android:paddingTop="10dp"

android:paddingRight="10dp"

android:paddingBottom="10dp"

android:textColor="@color/white"

android:textSize="15dp"

app:layout\_constraintEnd\_toEndOf="@+id/inputUsername"

app:layout\_constraintStart\_toStartOf="@+id/inputUsername"

app:layout\_constraintTop\_toBottomOf="@+id/inputUsername"

tools:ignore="TextSizeCheck" />

<EditText

android:id="@+id/inputPassword"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:layout\_marginTop="16dp"

android:background="@drawable/input\_bg"

android:drawableLeft="@drawable/ic\_passwordcheck"

android:drawablePadding="10dp"

android:drawableTint="#FF0000"

android:ems="10"

android:textColorHint="@color/white"

android:hint="Enter Unique Password"

android:inputType="text"

android:minHeight="48dp"

android:paddingLeft="20dp"

android:paddingTop="10dp"

android:paddingRight="10dp"

android:paddingBottom="10dp"

android:textColor="@color/white"

```
android:textSize="15dp"
```

```
app:layout_constraintEnd_toEndOf="@+id/inputEmail"
```

```
app:layout_constraintStart_toStartOf="@+id/inputEmail"
```

```
app:layout_constraintTop_toBottomOf="@+id/inputEmail"
```

```
tools:ignore="TextSizeCheck" />
```

```
<EditText
```

```
android:id="@+id/inputConformPassword"
```

```
android:layout_width="0dp"
```

```
android:layout_height="wrap_content"
```

```
android:layout_marginTop="16dp"
```

```
android:background="@drawable/input_bg"
```

```
android:drawableLeft="@drawable/ic_confirmpasswordcheck"
```

```
android:drawablePadding="10dp"
```

```
android:drawableTint="#11FF00"
```

```
android:ems="10"
```

```
android:hint="Re-Enter Your Unique Password"
```

```
android:inputType="text"

android:minHeight="48dp"

android:paddingLeft="20dp"

android:paddingTop="10dp"

android:paddingRight="10dp"

android:paddingBottom="10dp"

android:textColor="@color/white"

android:textColorHint="@color/white"

android:textSize="15dp"

app:layout_constraintEnd_toEndOf="@+id/inputPassword"

app:layout_constraintStart_toStartOf="@+id/inputPassword"

app:layout_constraintTop_toBottomOf="@+id/inputPassword"

tools:ignore="TextSizeCheck" />
```

<TextView

```
android:id="@+id/alreadyhaveAccount"

android:layout_width="wrap_content"

android:layout_height="wrap_content"
```

```
android:layout_marginStart="97dp"

android:layout_marginTop="20dp"

android:layout_marginEnd="97dp"

android:layout_marginBottom="23dp"

android:text="Already Have An Account?"

android:textColor="@color/green"

android:textSize="19dp"

android:textStyle="italic“

    app:layout_constraintBottom_toTopOf="@+id/btnRegister"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/inputConformPassword"

tools:ignore="MissingConstraints" />

<Button

android:id="@+id/btnRegister"

android:layout_width="0dp"
```

android:layout\_height="wrap\_content"

android:layout\_marginStart="32dp"

android:layout\_marginTop="23dp"

android:layout\_marginEnd="32dp"

android:layout\_marginBottom="167dp"

android:background="@drawable/btn\_bg"

android:gravity="center"

android:paddingLeft="20dp"

android:paddingTop="10dp"

android:paddingRight="10dp"

android:paddingBottom="10dp"

android:text="REGISTER"

android:textColor="@color/black"

android:textSize="15dp"

android:textStyle="italic"

app:layout\_constraintBottom\_toBottomOf="parent"

```
app:layout_constraintTop_toBottomOf="@+id/alreadyhaveAccount"
```

```
tools:ignore="TextSizeCheck" />
```

```
<TextView
```

```
    android:id="@+id/bytext"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:text="By Malla Reddy University Students"
```

```
    android:textColor="@color/white"
```

```
    android:textSize="22dp"
```

```
    android:textStyle="italic"
```

```
    app:layout_constraintBottom_toBottomOf="parent"
```

```
    app:layout_constraintEnd_toEndOf="parent"
```

```
    app:layout_constraintStart_toStartOf="parent"
```

```
    app:layout_constraintTop_toBottomOf="@+id/btnRegister" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

## **MAIN ACTIVITY.java**

```
package com.androidapplicationdevelopment.quizbuzzbuildversion;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

import android.content.DialogInterface;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import com.google.android.material.card.MaterialCardView;

import com.google.android.material.dialog.MaterialAlertDialogBuilder;

public class MainActivity extends AppCompatActivity {

    public MaterialCardView easycard, mediumcard, toughcard, aboutcard;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        easycard = (MaterialCardView) findViewById(R.id.easyCard);
```



```
mediumcard = (MaterialCardView) findViewById(R.id.mediumCard);

toughcard = (MaterialCardView) findViewById(R.id.toughCard);

aboutcard = (MaterialCardView) findViewById(R.id.aboutCard);

easycard.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        startActivity(new Intent(MainActivity.this, EasyBuzzer.class));

    }

});

}

@Override

public void onBackPressed () {

    MaterialAlertDialogBuilder materialAlertDialogBuilder = new

    MaterialAlertDialogBuilder(MainActivity.this);

    materialAlertDialogBuilder.setTitle(R.string.app_name);

    materialAlertDialogBuilder.setMessage("Are you sure want to exit the app?");

    materialAlertDialogBuilder.setNegativeButton(android.R.string.no, new DialogInterface.OnClickListener() {
```

@Override

```
public void onClick(DialogInterface dialogInterface, int i) {  
    dialogInterface.dismiss();  
}
```

```
});
```

```
materialAlertDialogBuilder.setPositiveButton(android.R.string.yes, new  
DialogInterface.OnClickListener() {
```

@Override

```
public void onClick(DialogInterface dialogInterface, int i) {  
    finish();  
}
```

```
});
```

```
materialAlertDialogBuilder.show();
```

```
super.onBackPressed();
```

```
}
```

@SuppressWarnings("CustomSplashScreen")

```
public static class SplashActivity extends AppCompatActivity {
```

@Override

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_splash);
```

```
    Thread mSplashThread;
```

```
    mSplashThread = new Thread() {
```

```
        @Override
```

```
        public void run() {
```

```
            try {
```

```
                synchronized (this) {
```

```
                    wait(2000);
```

```
                }
```

```
            } catch (InterruptedException ignored) {
```

```
            } finally {
```

```
                startActivity(new Intent(getApplicationContext(),
```

```
                    com.androidapplicationdevelopment.quizbuzzbuildversion.MainActivity.class));
```

```
            finish();
```

```
}  
  
}  
  
};  
  
mSplashThread.start();  
  
}  
  
}  
  
}
```

### **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/black"

tools:context=".MainActivity">

<androidx.core.widget.NestedScrollView

android:id="@+id/nestedScrollView"

android:layout_width="match_parent"

android:layout_height="0dp"

android:background="@mipmap/background3"

app:layout_behavior="@string/appbar_scrolling_view_behavior"

app:layout_constraintBottom_toBottomOf="parent"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintHorizontal_bias="1.0"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@id/appbarLayout">

<LinearLayout

android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical">
```

<ImageView

android:layout\_width="match\_parent"

android:layout\_height="91dp"

android:layout\_gravity="center"

android:src="@mipmap/applogo\_round" />

<com.google.android.material.card.MaterialCardView

android:id="@+id/easyCard"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginStart="25dp"

android:layout\_marginTop="25dp"

android:layout\_marginEnd="25dp"

app:cardBackgroundColor="@color/card\_background"

app:cardCornerRadius="25dp"

app:strokeWidth="0dp">

<LinearLayout

android:layout\_width="match\_parent"

## **SPLASH ACTIVITY.java**

```
package com.androidapplicationdevelopment.quizbuzzbuildversion;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
public class SplashActivity extends AppCompatActivity {
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_splash);
```

```
        Thread mSplashThread;
```

```
        mSplashThread = new Thread() {
```

```
            @Override public void run() {
```

```
                try {
```

```
                    synchronized (this) {
```

```
                        wait(2000);
```

```
                    }
```

```
    } catch (InterruptedException ignored) {  
  
    }  
  
    finally {  
  
        startActivity(new Intent(getApplicationContext(), RegistrationActivity.class));  
  
        finish();  
  
    }  
  
    }  
  
};  
  
mSplashThread.start();  
  
}  
  
}
```

### **ACTIVITY\_SPLASH.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/black"

tools:context="com.androidapplicationdevelopment.quizbuzzbuildversion.S
plashActivity"

tools:ignore="MissingClass">

<androidx.constraintlayout.widget.ConstraintLayout

android:id="@+id/backgroundLayout"

android:layout_width="200dp"

android:layout_height="200dp"

app:layout_constraintBaseline_toBottomOf="parent"

app:layout_constraintBottom_toBottomOf="parent"

app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toTopOf="parent" />

<LinearLayout

android:layout_width="match_parent"
```

android:layout\_height="match\_parent"

android:background="@mipmap/background3"

android:gravity="center"

android:orientation="vertical"

app:layout\_constraintStart\_toEndOf="@+id/backgroundLayout"

tools:layout\_editor\_absoluteY="16dp">

<ImageView

android:layout\_width="100dp"

android:layout\_height="100dp"

android:src="@mipmap/applogo"

tools:src="@mipmap/applogo" />

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20sp"

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

## BACK-END CODE

### DB HELPER (database)

```
package com.androidapplicationdevelopment.quizbuzzbuildversion;

import android.content.ContentValues;

import android.content.Context;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

import androidx.annotation.Nullable;

public class DBhelper extends SQLiteOpenHelper {

    public static final String DBNAME = "Login.DB";

    public DBhelper(Context context) {

        super(context, "Login.DB", null, 1);

    }

}
```

@Override

```
public void onCreate(SQLiteDatabase MyDB) {  
  
    MyDB.execSQL("create Table users(username TEXT primary key, password TEXT)");  
  
}
```

@Override

```
public void onUpgrade(SQLiteDatabase MyDB, int oldVersion, int newVersion) {  
  
    MyDB.execSQL("drop Table if exists users");  
  
}
```

```
public Boolean insertData(String username, String password) {  
  
    SQLiteDatabase MyDB = this.getWritableDatabase();  
  
    ContentValues contentValues = new ContentValues();  
  
    contentValues.put("username", username);  
  
    contentValues.put("password", password);  
  
    long result = MyDB.insert("users", null, contentValues);  
  
    if (result == -1) return false;  
  
    else  
  
    return true;
```

```
else

return false;

}

public Boolean checkusernamepassword(String username, String password) {

SQLiteDatabase MyDB = this.getWritableDatabase();

Cursor cursor = MyDB.rawQuery("Select * from users where username = ? and password = ?", new String[]{username, password});

if (cursor.getCount() > 0)

return true;

else

return false;

}

}
```

### **QuestionItems.java**

```
package com.androidapplicationdevelopment.quizbuzzbuildversion;

public class QuestionsItem {

String questions,answer1,answer2, answer3, answer4, correct;

public QuestionsItem(String questions, String answer1, String answer2, String answer3, String answer4, String correct) {
```

```
this.questions = questions;

this.answer1 = answer1;

this.answer2 = answer2;

this.answer3 = answer3;

this.answer4 = answer4;

this.correct = correct;

}

public String getQuestions() {

return questions;

}

public void setQuestions(String questions) {

this.questions = questions;

}

public String getAnswer1() {

return answer1;

}

public void setAnswer1(String answer1) {

this.answer1 = answer1;
```

```
}
```

```
public String getAnswer2() {
```

```
    return answer2;
```

```
}
```

```
public void setAnswer2(String answer2) {
```

```
    this.answer2 = answer2;
```

```
}
```

```
public String getAnswer3() {
```

```
    return answer3;
```

```
}
```

```
public String getCorrect() {
```

```
    return correct;
```

```
}
```

```
public void setCorrect(String correct) {
```

```
    this.correct = correct;
```

```
}
```

```
}
```

## **AndroidManifest.xml (Manifestation File)**

```
<?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="@mipmap/applogo"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/applogo_round"
        android:supportsRtl="true"
        android:theme="@style/Base.Theme.QuizBuzzBuildVersion"
        tools:targetApi="31">

        <activity
            android:name=".ResultActivity"
            android:exported="false" />
```



```
<activity  
    android:name=".EasyBuzzer"  
    android:exported="true">  
    <intent-filter>  
        <action android:name="com.androidapplicationdevelopment.quizbuzzbuildversion.EASY_BUZZER" />  
        <category android:name="android.intent.category.DEFAULT" />  
    </intent-filter>  
</activity>  
  
<activity  
    android:name=".MediumBuzzer"  
    android:exported="true">  
    <intent-filter>  
        <action android:name="com.androidapplicationdevelopment.quizbuzzbuildversion.MEDIUM_BUZZER" />  
        <category android:name="android.intent.category.DEFAULT" />  
    </intent-filter>  
</activity>  
  
<activity
```

```
android:name=".ToughBuzzer"
```

```
android:exported="true">
```

```
<intent-filter>
```

```
<action
```

```
android:name="com.androidapplicationdevelopment.quizbuzzbuildversion.
```

```
TOUGH_BUZZER" />
```

```
<category android:name="android.intent.category.DEFAULT" />
```

```
</intent-filter>
```

```
</activity>
```

```
<activity
```

```
android:name=".LoginActivity"
```

```
android:exported="true">
```

```
<intent-filter>
```

```
<action android:name="android.intent.action.MAIN" />
```

```
<category android:name="android.intent.category.LAUNCHER" />
```

```
</intent-filter>
```

```
</activity>
```

```
<activity
    android:name=".RegistrationActivity"
    android:exported="true" />

<activity
    android:name=".SplashActivity"
    android:exported="true" />

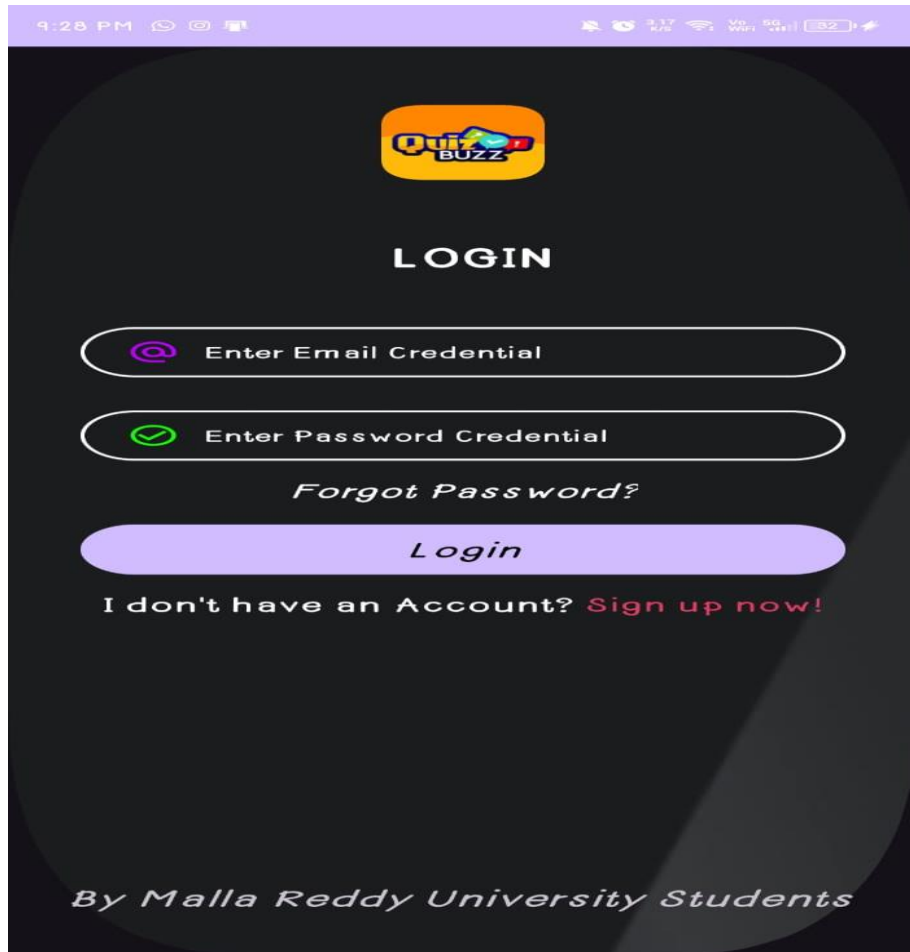
<activity
    android:name=".MainActivity"
    android:exported="true" />

</application>

</manifest>
```

# SCREEN SHOTS OF THE APPLICATION


## (LOGIN & REGISTRATION PAGE)




9:28 PM

**Quiz BUZZ**

### LOGIN

 Enter Email Credential

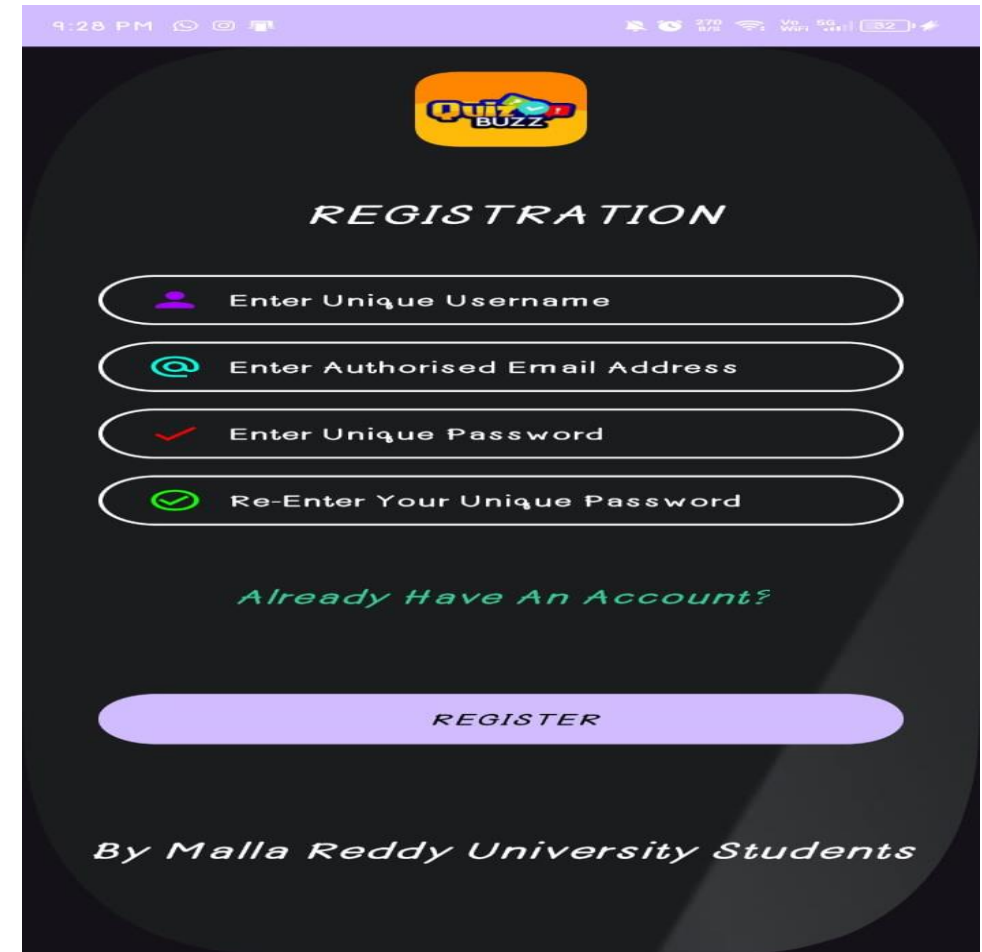
 Enter Password Credential

*Forgot Password?*

**Login**

I don't have an Account? [Sign up now!](#)


*By Malla Reddy University Students*





9:28 PM


**Quiz BUZZ**

### REGISTRATION

 Enter Unique Username

 Enter Authorised Email Address

 Enter Unique Password

 Re-Enter Your Unique Password

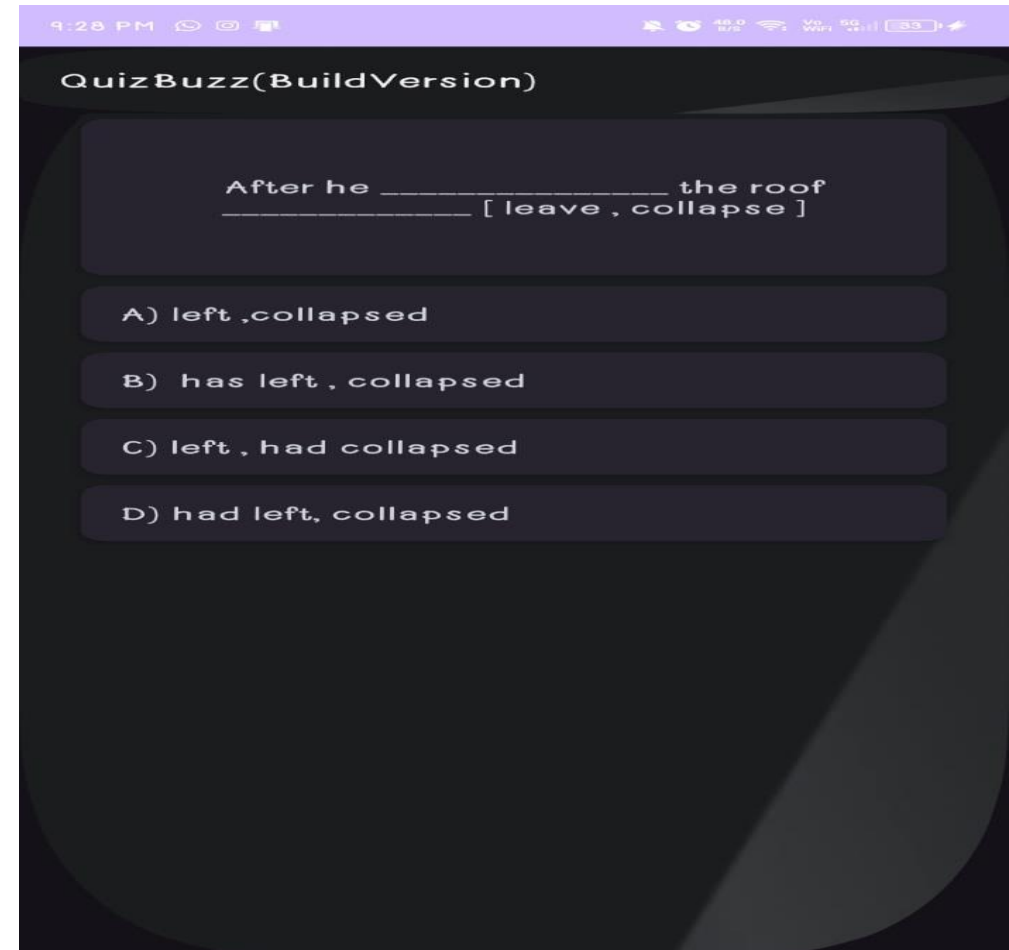
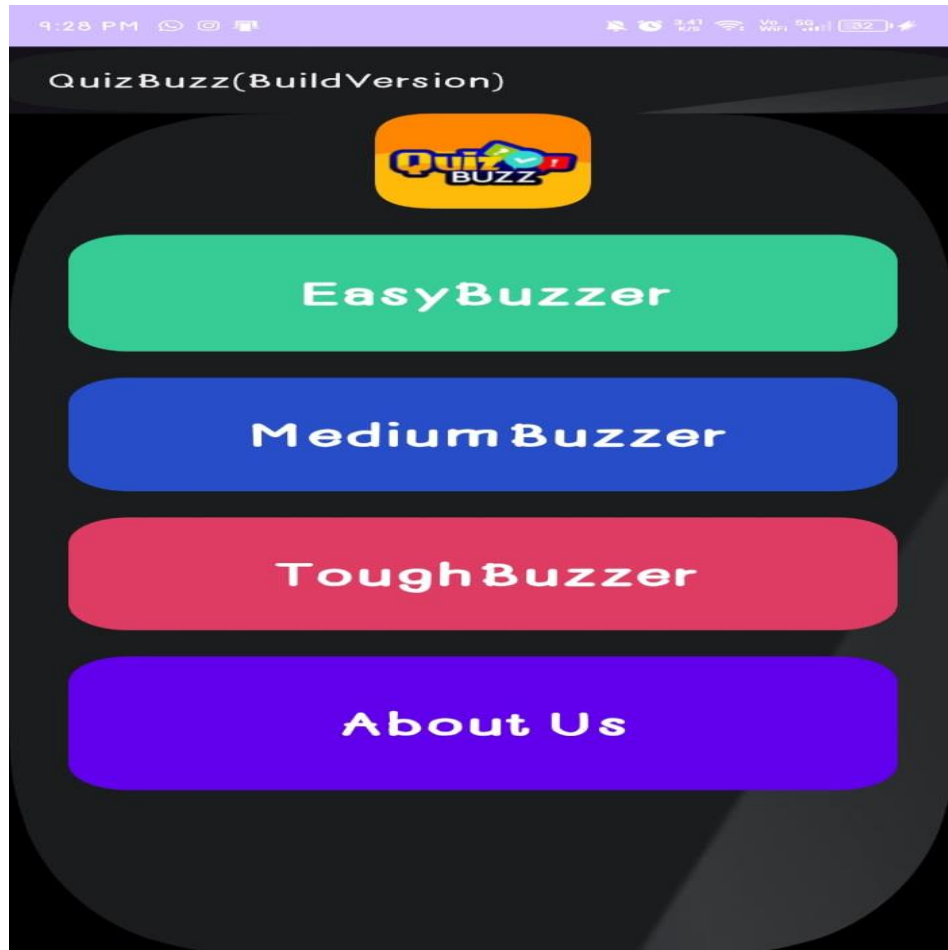
*Already Have An Account?*

**REGISTER**

*By Malla Reddy University Students*

# SCREEN SHOTS OF THE APPLICATION

## (HOME & APP PAGE)



## Conclusion :

The quiz buzz app provides a versatile platform for creating engaging and interactive quizzes. Its user-friendly interface allows users to easily generate quizzes tailored to their specific needs, whether for educational purposes, training sessions, or recreational activities. The app's customizable features, such as question types, difficulty levels, and multimedia integration, enhance the overall learning experience and cater to diverse audiences. The app's compatibility across multiple devices further increases accessibility, enabling users to take quizzes anytime, anywhere. Overall, the quiz buzz app offers a valuable tool for educators, trainers, and quiz enthusiasts alike, fostering knowledge retention, skills development, and enjoyment. With continuous updates and improvements, it has the potential to further enhance learning experiences and become a staple tool in various educational and professional settings.

A top-down view of a desk with a light-colored wooden surface. In the center is a white rectangular card with the words 'THANK YOU!' printed in a bold, black, sans-serif font. The exclamation mark is red. To the top left of the card are a pair of thin-framed glasses. To the right of the card is a silver and black ballpoint pen. To the bottom left of the card is a small, round, light-colored pot containing a green succulent plant. The background shows the texture of the wooden desk and the spiral binding of a notebook under the glasses.

**THANK  
YOU!**