PSDL-II
MINI PROJECT
PRESENTATION

1. Group Members Details:

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2. Problem Statement :

Fitness Application

3. Technologies Selected and Used :

- ❏ Technology Used : Android
- ❏ IDE Used : Android Studio
- ❏ Programming Language Used : Java
- ❏ Database Used : SQLite DB

4. Details of Project :

We have Developed Android App through Android Technologies which provide User with Fitness Workouts with Effective Exercises.

5. Module with Scope :

We have divided our Project into 4 modules:

FrontEnd Module :

- ❖ Includes all the Frontend Libraries, Activities we have done in our Fitness Application.
- ❖ Interact with the Model Module to get access to the database.

Model Class Module :

- ❖ Includes all the data and attributes frontend activities want to access.
- ❖ Interact with another class to get DB access.

Database Module :

- ❖ Contains the Actual Database Created for the Fitness Application.

DatabaseHelper Class Module :

- ❖ Interact with the Database and implement the Sqlite DB
- ❖ Created a Database , Tables its attributes inside this Module

6. Sample Code

```
public class FBExe1 extends AppCompatActivity implements
View.OnClickListener {

    private CountDownTimer mCountDownTimer;

    private boolean mTimerRunning;

    public void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.fbexe1);

        if (getSupportActionBar() != null) {

            getSupportActionBar().hide(); }
```

```
public void onClick(View v) {

if (mTimerRunning) {

pauseTimer();

}
Glide.with(this).load("https://www.spotebi.com/wp-content/uploads/
2014/10/push-up-exercise-illustration.gif").into(imageView);

 updateCountDownText();

}

}
```
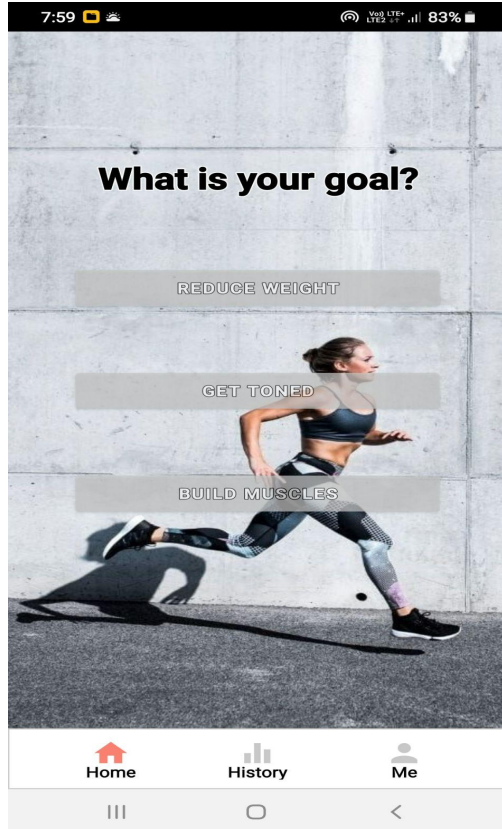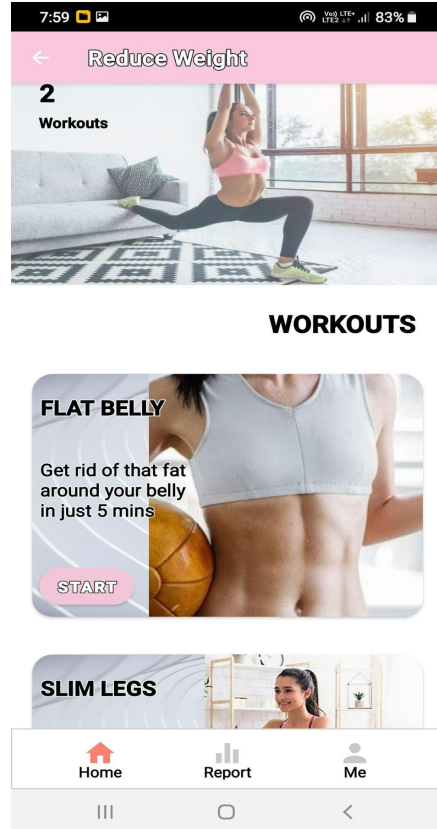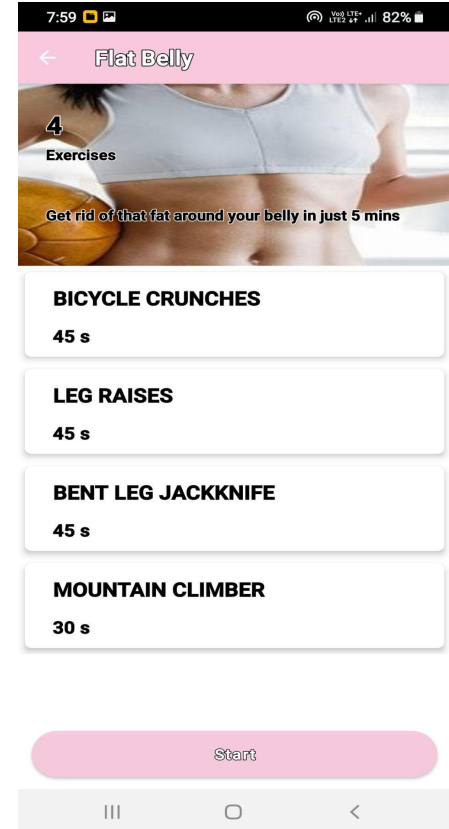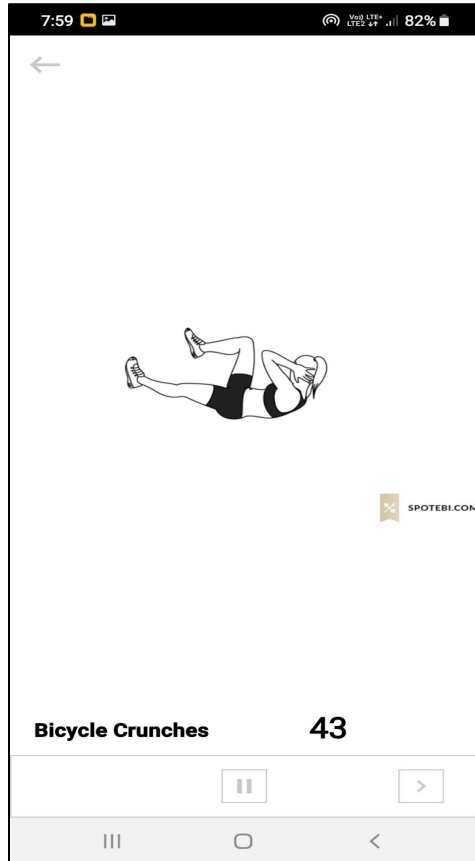
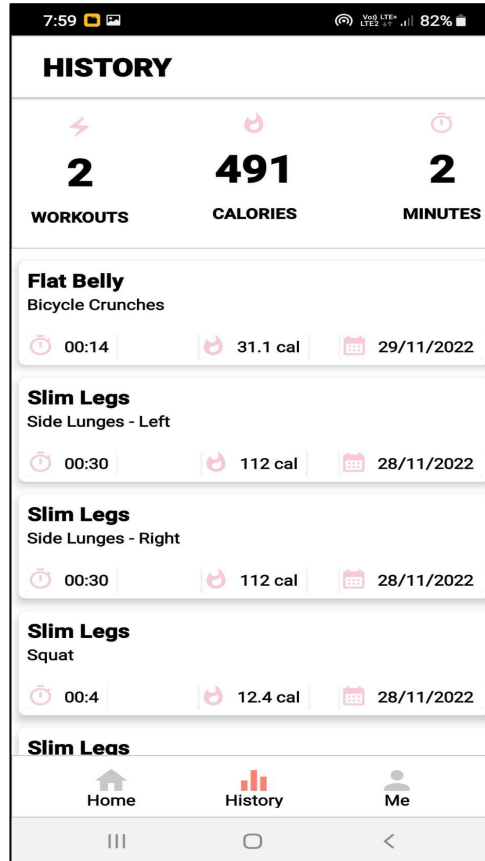## 7. Outputs of the App :

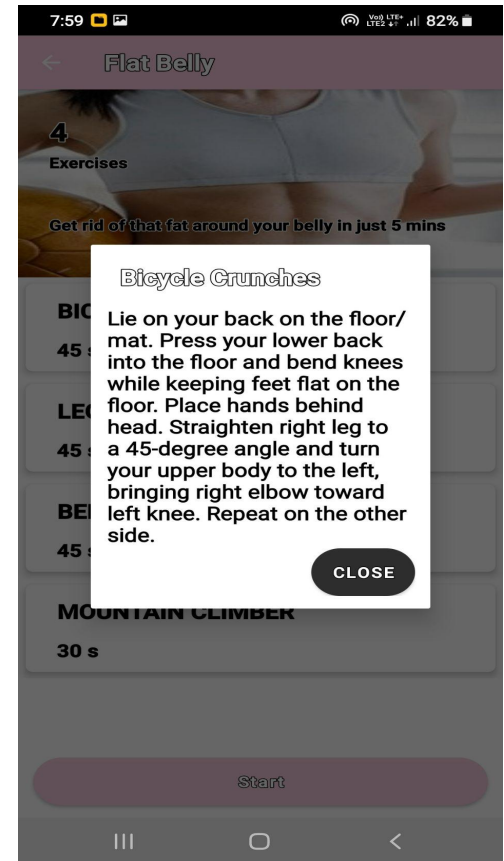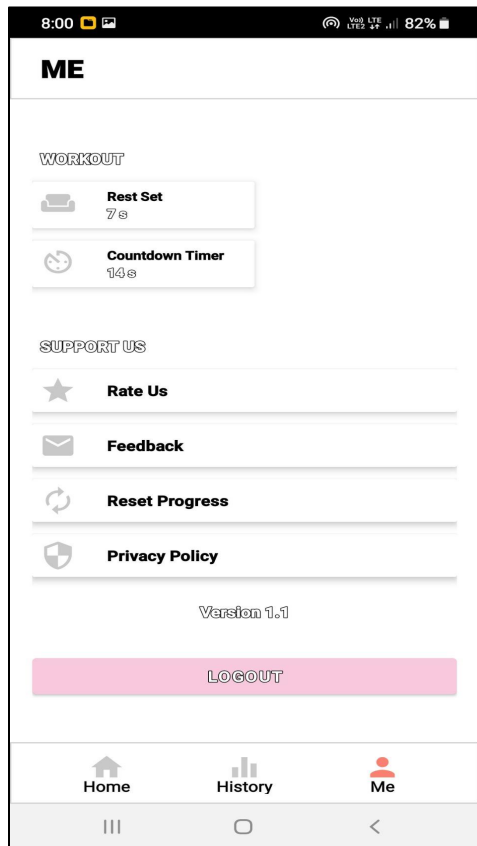*Home Screen*

Reduce Weight Workouts

Exercises

Start Exercise

Bicycle Crunches 43

⏸ | >

Workouts Done

HISTORY

⚡	🔥	⏱
2	**491**	**2**
WORKOUTS	CALORIES	MINUTES

Flat Belly
Bicycle Crunches

⏱ 00:14 | 🔥 31.1 cal | 📅 29/11/2022

Slim Legs
Side Lunges - Left

⏱ 00:30 | 🔥 112 cal | 📅 28/11/2022

Slim Legs
Side Lunges - Right

⏱ 00:30 | 🔥 112 cal | 📅 28/11/2022

Slim Legs
Squat

⏱ 00:4 | 🔥 12.4 cal | 📅 28/11/2022

Slim Legs

🏠 Home | 📊 History | 👤 Me

Info of Exercises

← **Flat Belly**

4
Exercises

Get rid of that fat around your belly in just 5 mins

Bicycle Crunches

Lie on your back on the floor/mat. Press your lower back into the floor and bend knees while keeping feet flat on the floor. Place hands behind head. Straighten right leg to a 45-degree angle and turn your upper body to the left, bringing right elbow toward left knee. Repeat on the other side.

CLOSE

BIC...
45 s

LEG...
45 s

BE...
45 s

MOUNTAIN CLIMBER
30 s

Start

My Profile

ME

WORKOUT

	Rest Set
	7 s
	Countdown Timer
	14s

SUPPORT US

⭐ **Rate Us**

✉ **Feedback**

🔄 **Reset Progress**

🛡 **Privacy Policy**

Version 1.1

LOGOUT

🏠 Home   📊 History   👤 Me

Reminder

← **REMAINDER**

hello world
30-11-2022
8:00 AM   🗑

Alarm

Health Data

← **My Profile**

Health Data

Units

⦿ Kg,cm   ◯ lb,ft

Weight	59	**kg**
Height	1.8	**cm**

SAVE

8. Conclusion :

We have Developed a Fitness Application by using Android Technologies.

8. References :

1) **https://developer.android.com/studio**

2) **https://abhiandroid.com/**