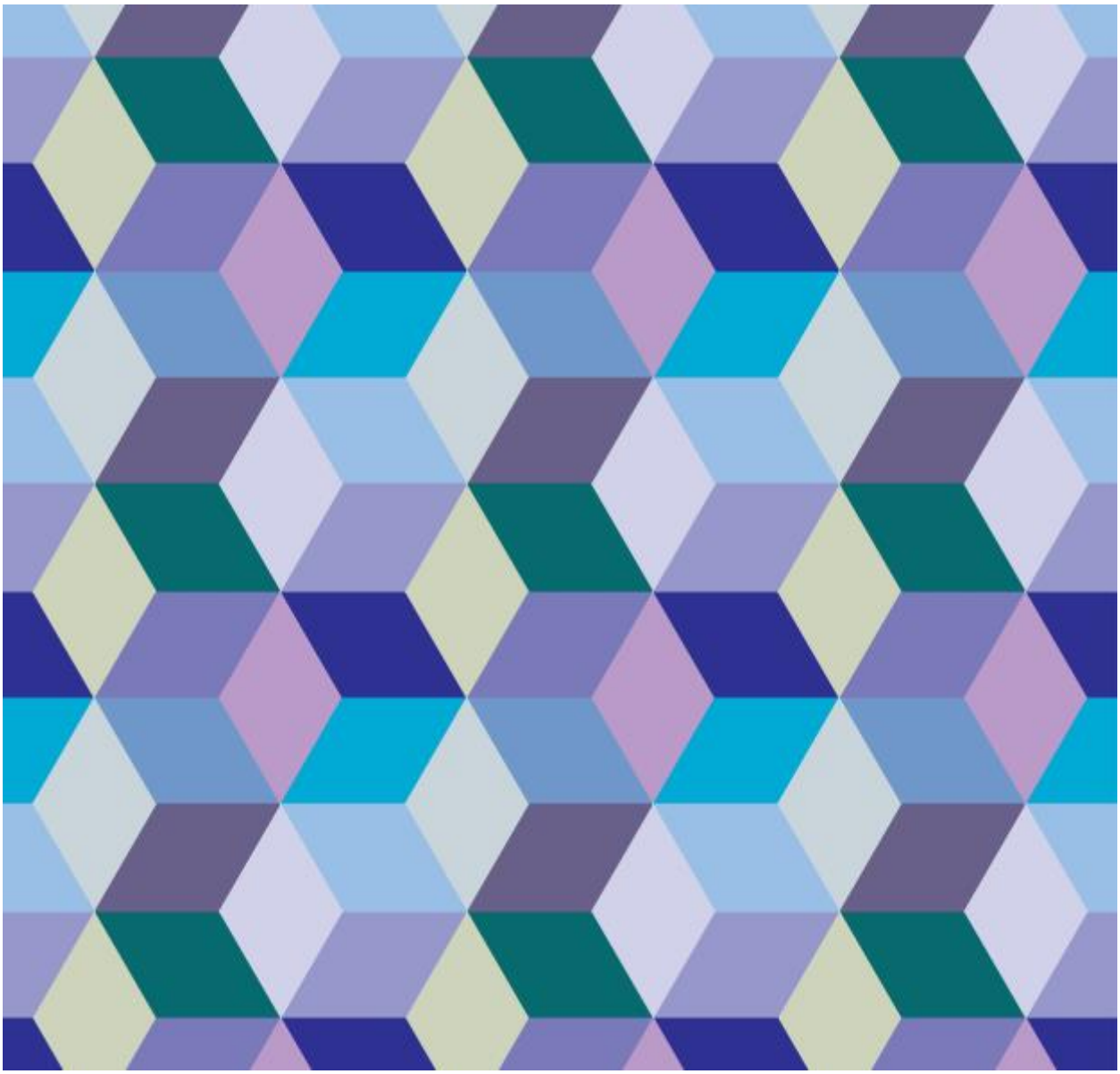


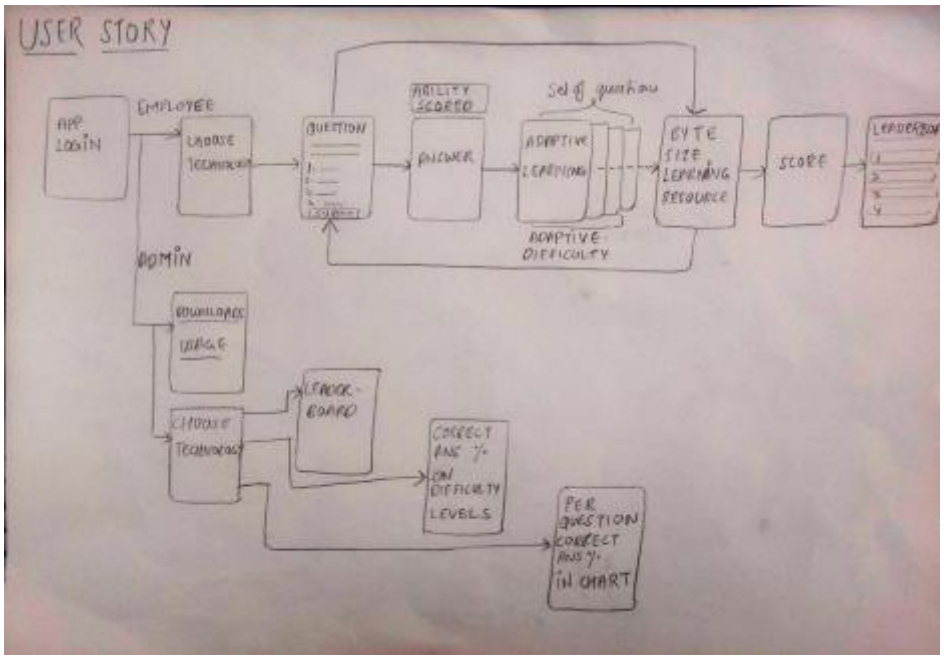
Noine-Bites

Learning in Bites

- Long sessions of lectures or 1 hour long online videos rarely captures the user's attention for a long span
- Even a 10 min presentation might seem long to you by the end of it.
- Same resource material doesn't suffice every user's needs.
- How do you tackle it?

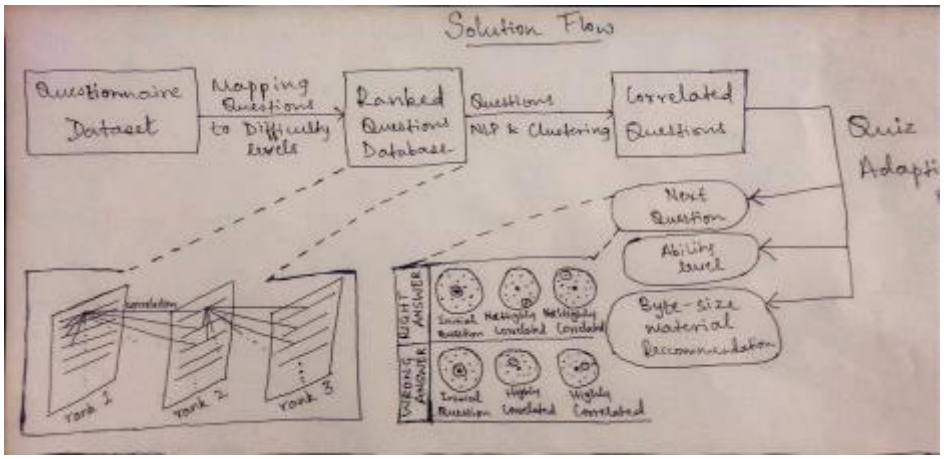
- Reverse the approach.
- Evaluate first, Understand user better, Teach what's required
- Cater to different knowledge level and different pace of learning

Solution



1 - An Application to provide an Adaptive Learrning platform

- *A Mobile Application for a handy and accessible interface.*
- *Questions ranked on difficulty using Bloom's Taxonomy and Domain Specific Knowledge*
- *Questions are Clustered: Preprocess, TF-IDF, Hierarchical , Tree Flattening*
- *User's ability captured through Response and Confidence level*
- *Captured insights are put to use for highly personalised learning through relevant resources*



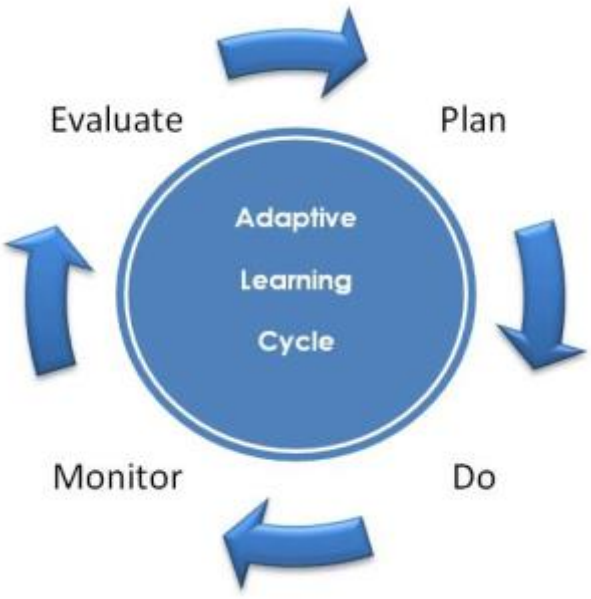
Technology Stack

2 - React Native

3 - Hosting API

4 - Cloud Support

5 - Difficulty with Bloom's Taxonomy with assistance of Domain Specific Knowledge

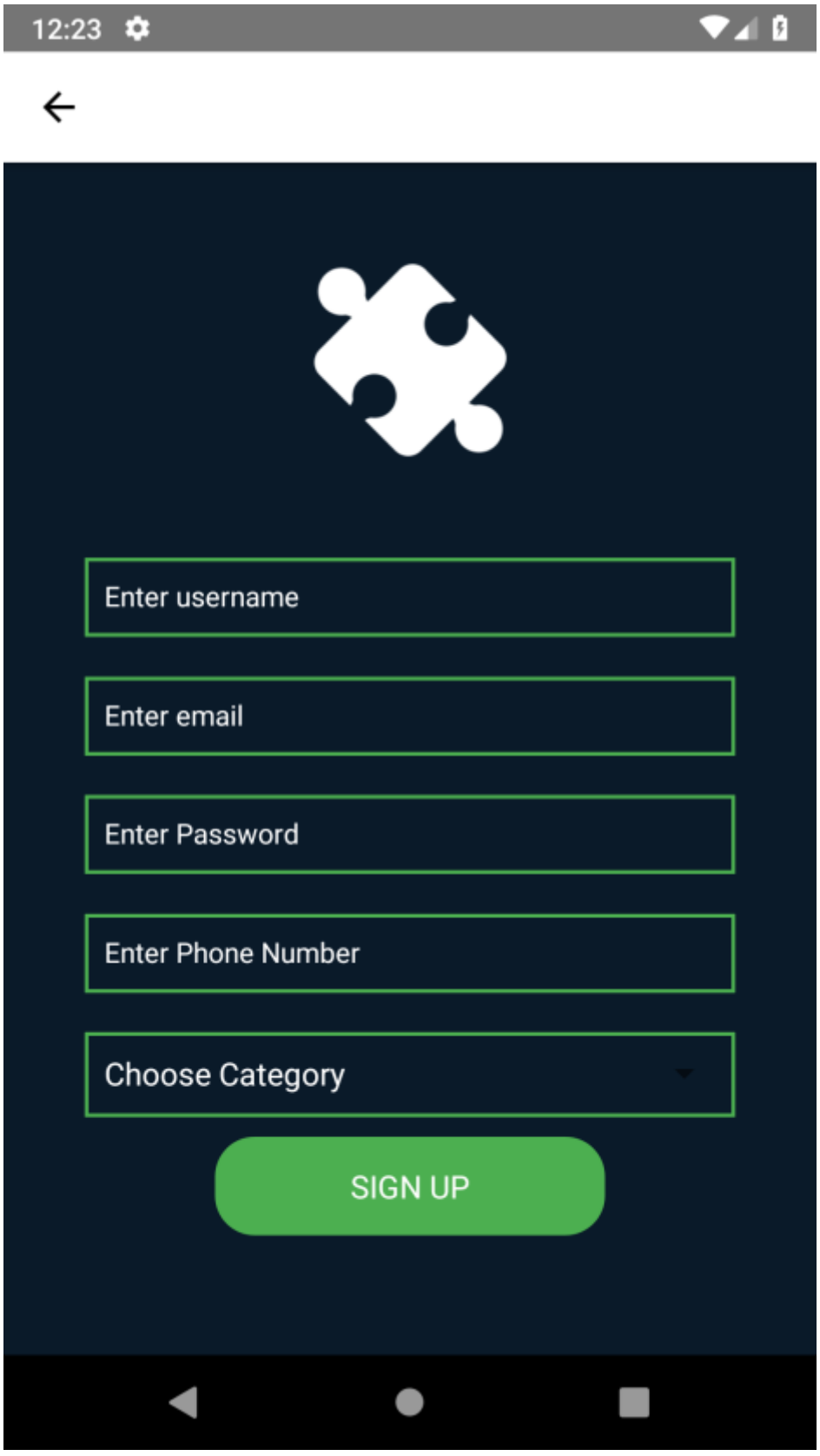


6 - Adaptive Learning

7 - Kaggle dataset and kernel

8 - NLTK for Natural Language Processing

User Journey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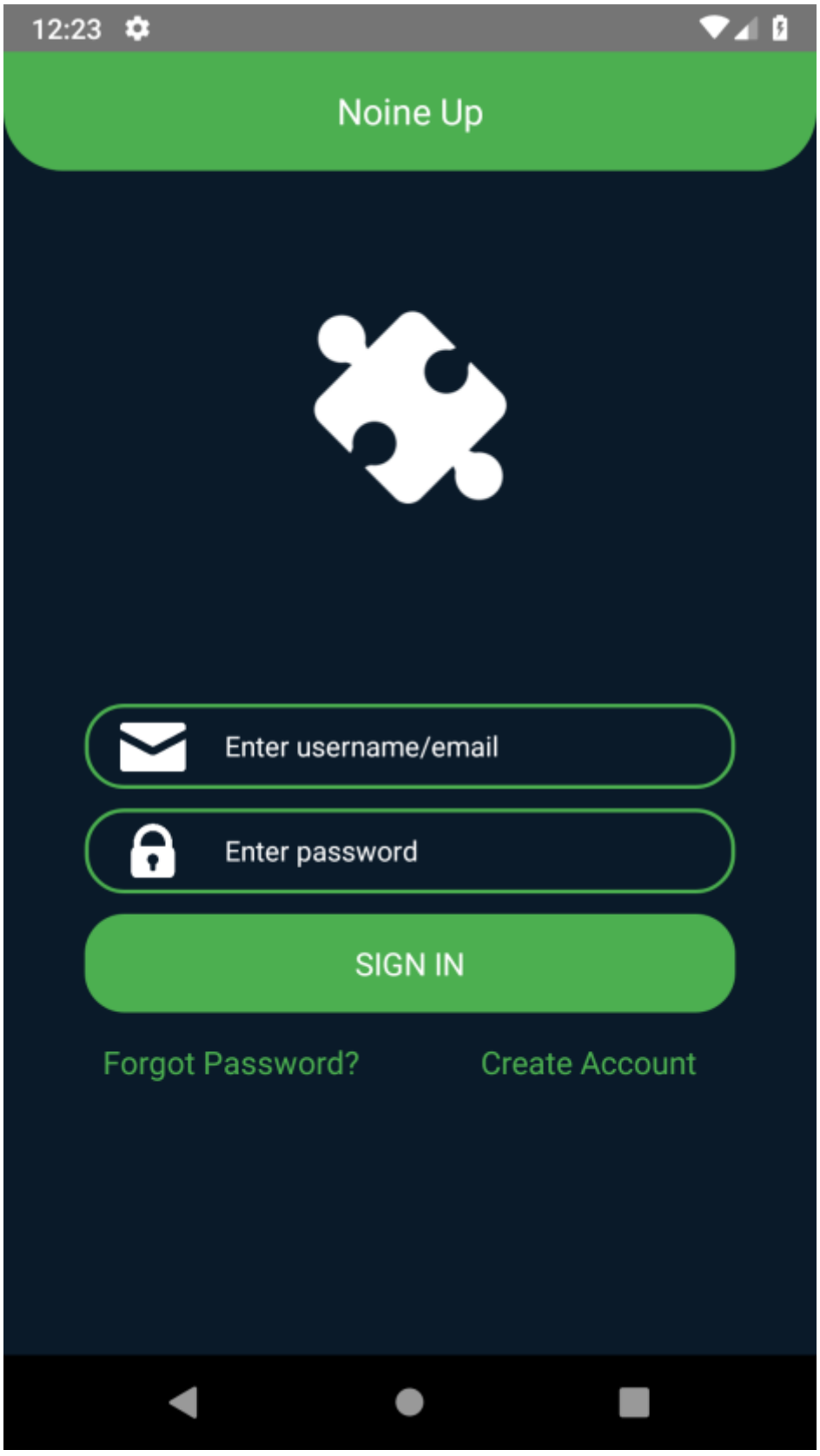
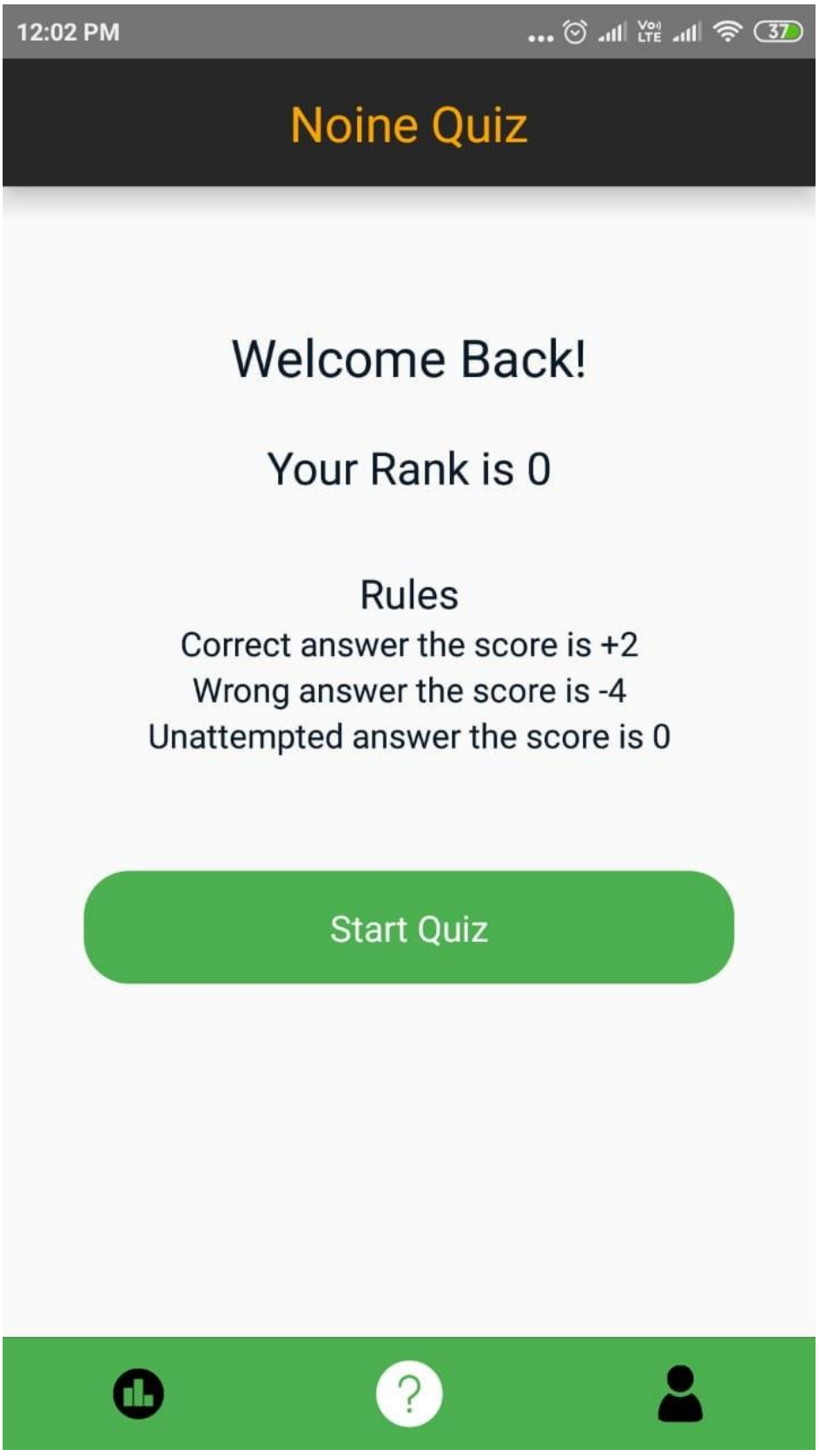
Enter username
Enter email
Enter Password
Enter Phone Number
Choose Category
SIGN UP

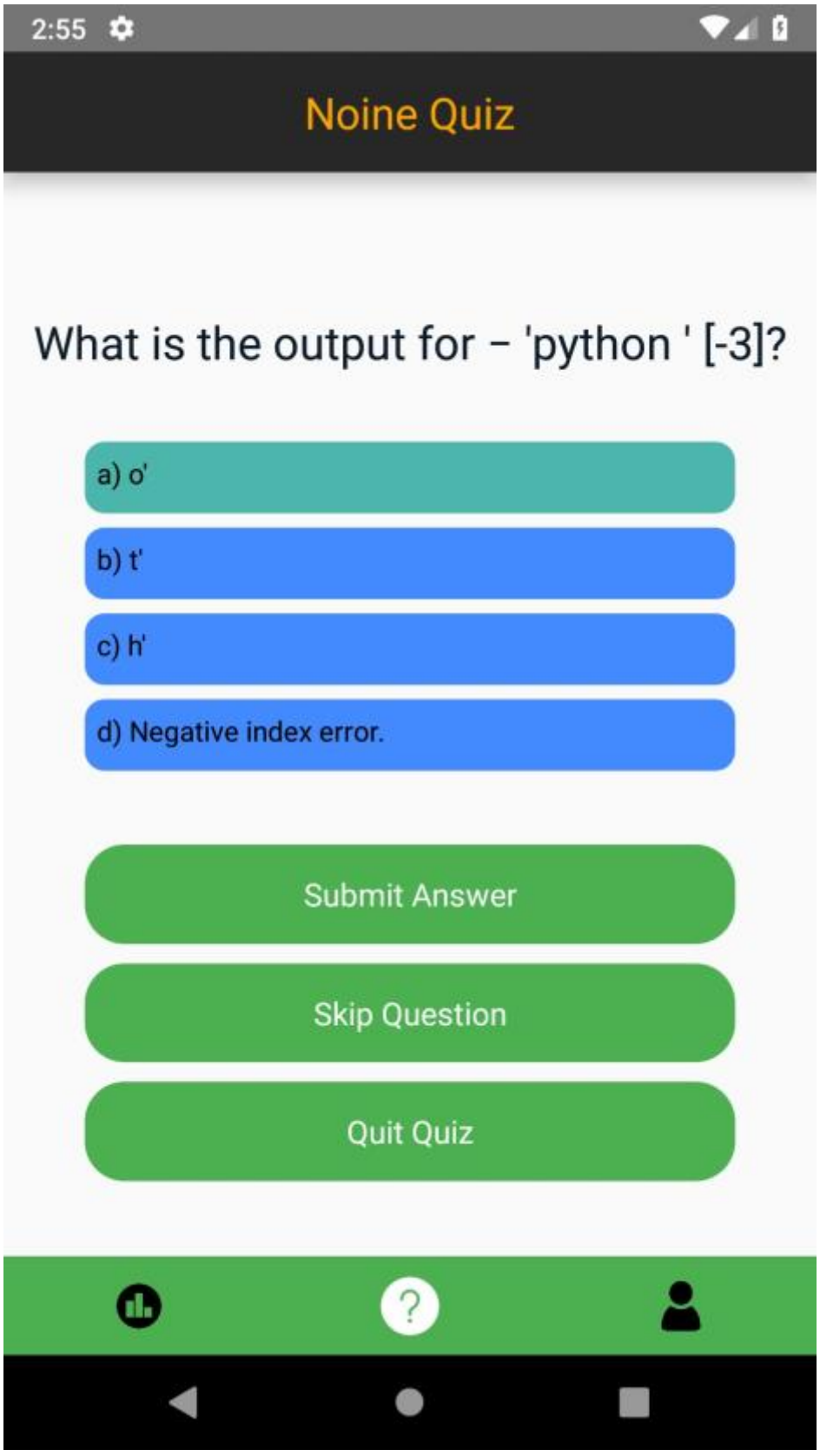
9 - Signup

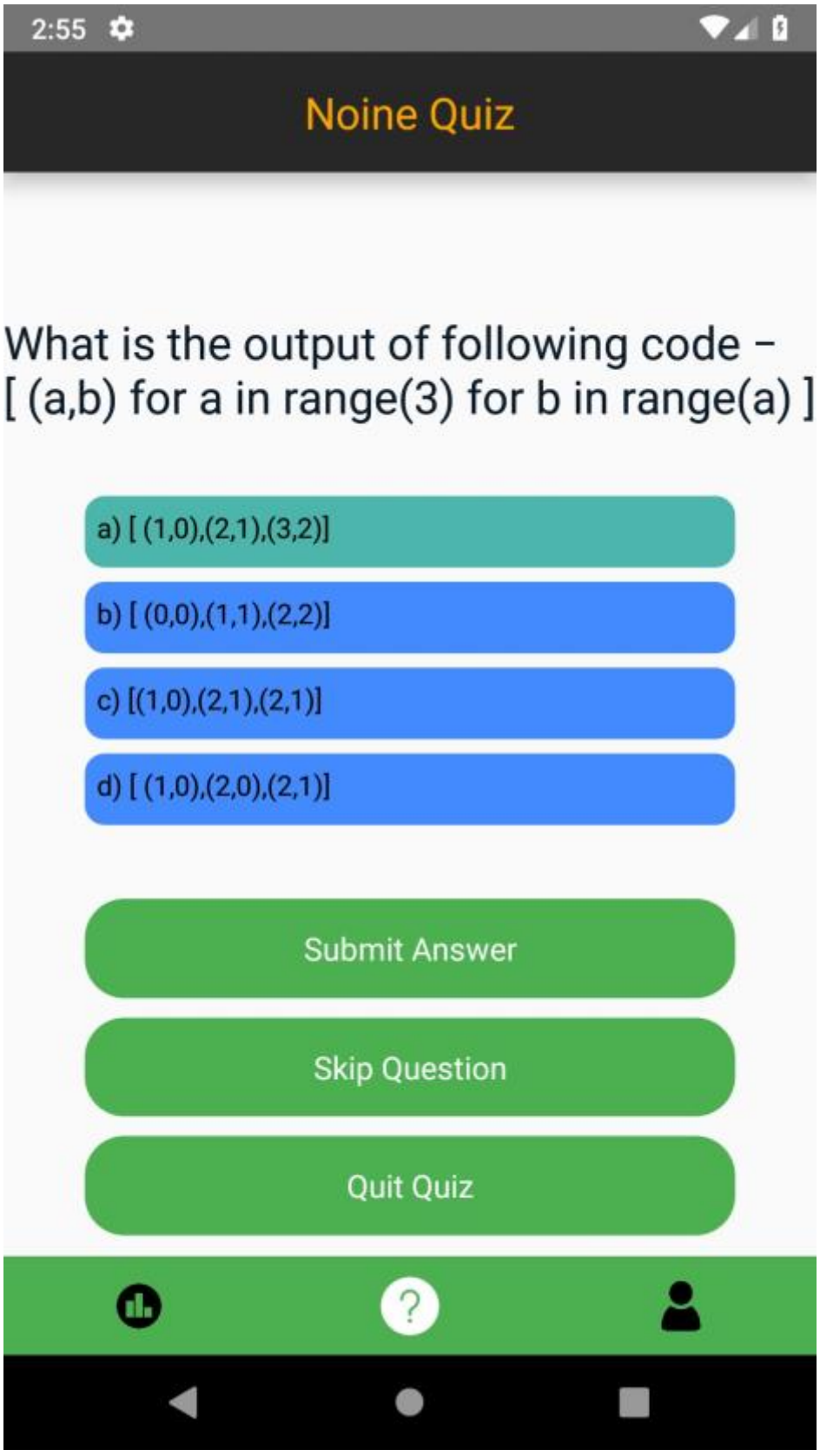

12:23
Noine Up
Enter username/email
Enter password
SIGN IN
Forgot Password?
Create Account

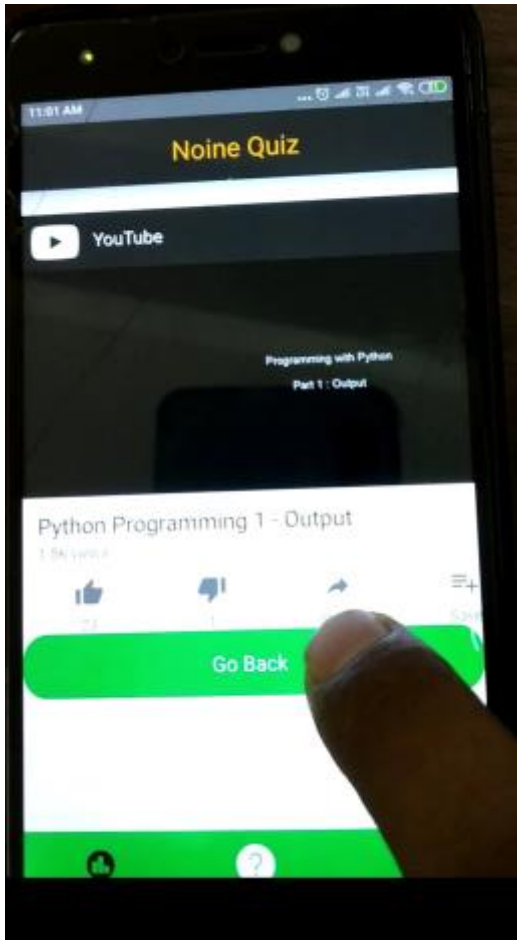
10 - Login

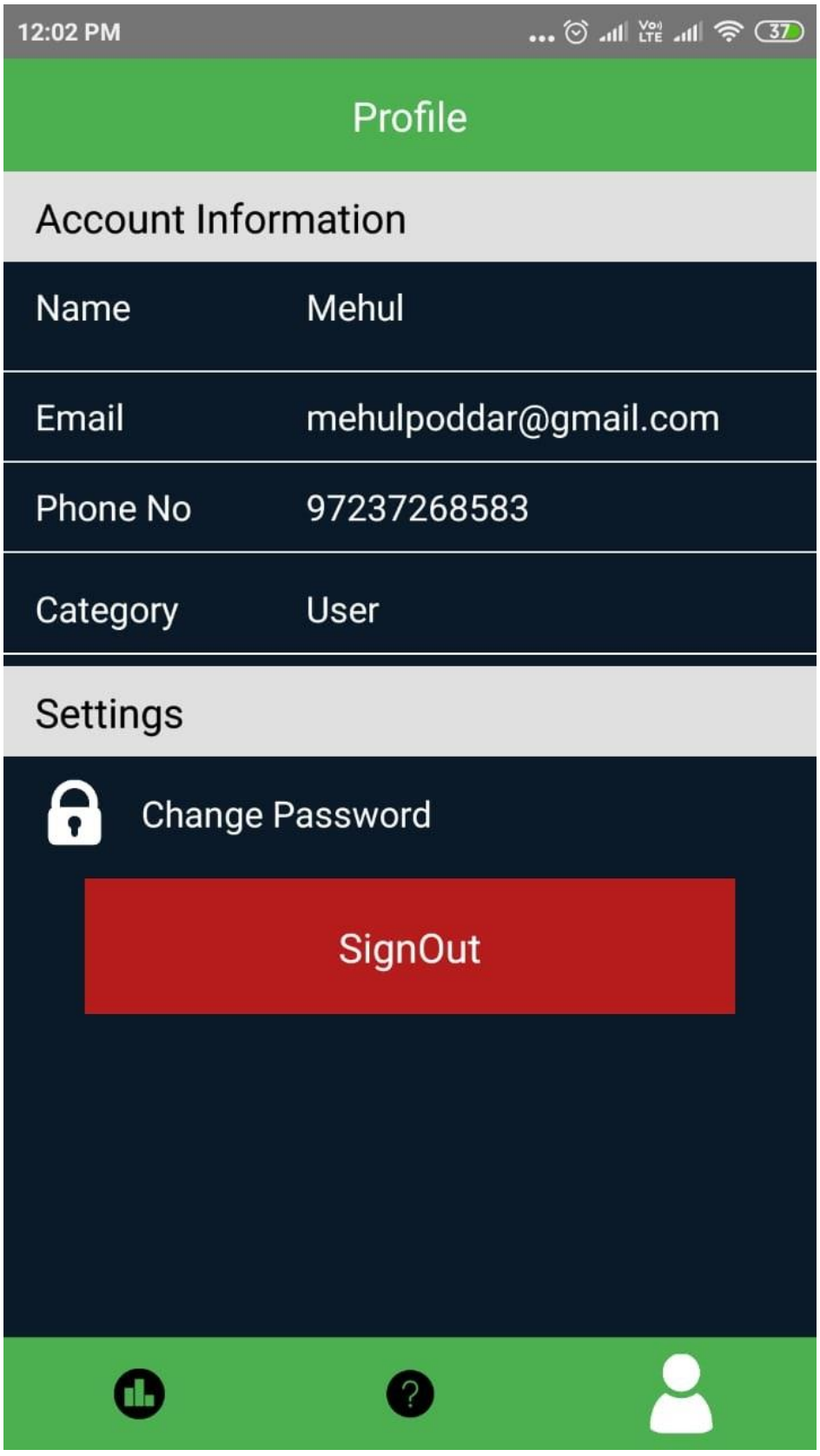


11 - Scoring metric

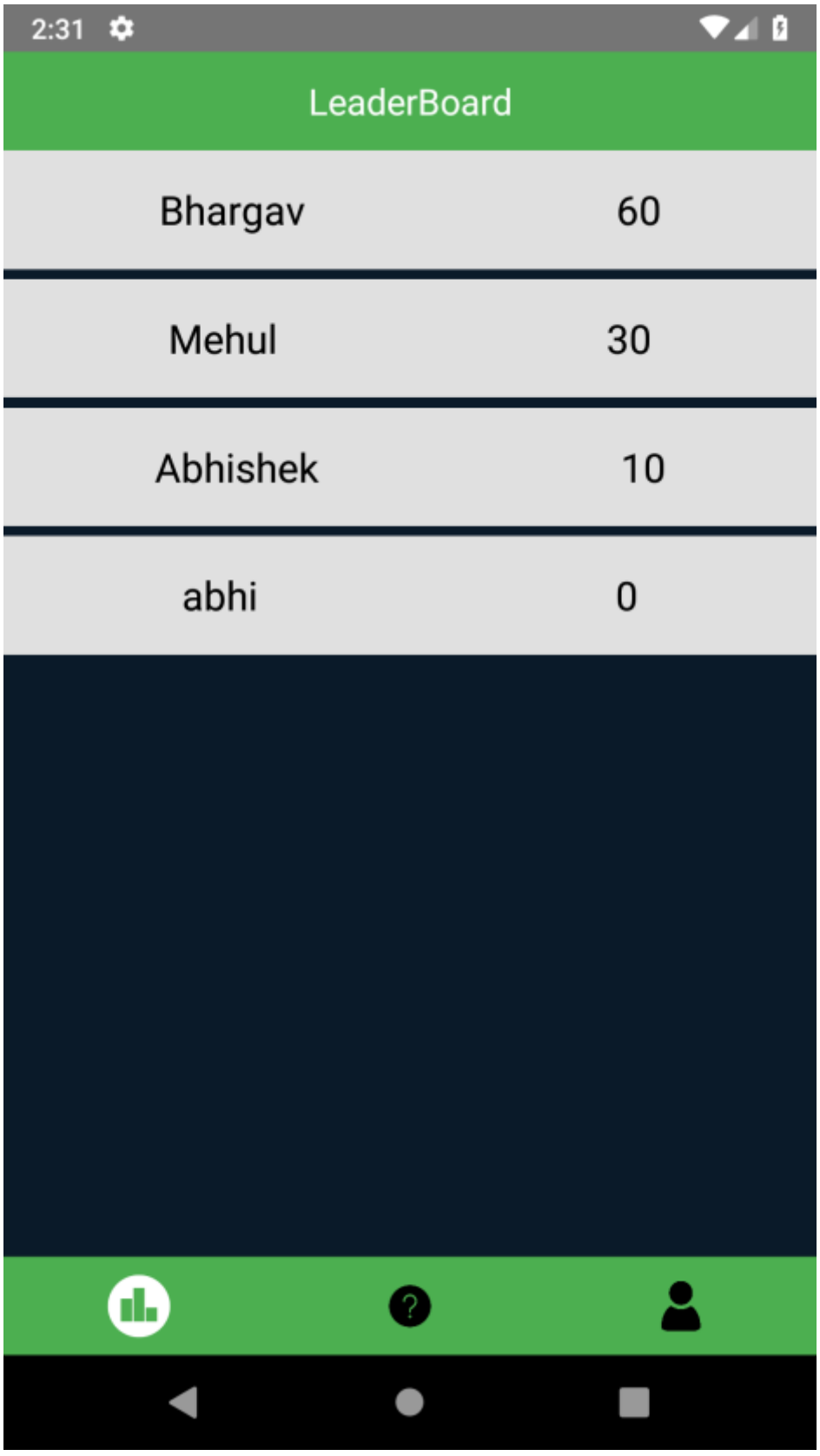

2:55
Noine Quiz
What is the output for – 'python ' [-3]?
a) o'
b) t'
c) h'
d) Negative index error.
Submit Answer
Skip Question
Quit Quiz


2:55
Noine Quiz
What is the output of following code –
[(a,b) for a in range(3) for b in range(a)]
a) [(1,0),(2,1),(3,2)]
b) [(0,0),(1,1),(2,2)]
c) [(1,0),(2,1),(2,1)]
d) [(1,0),(2,0),(2,1)]
Submit Answer
Skip Question
Quit Quiz


11:01 AM
Noine Quiz
YouTube
Programming with Python
Part 1 : Output
Python Programming 1 - Output
Go Back


12:02 PM
Profile
Account Information
Name
Mehul
Email
mehulpoddar@gmail.com
Phone No
97237268583
Category
User
Settings
Change Password
SignOut

13 - Profile


2:31
LeaderBoard
Bhargav
60
Mehul
30
Abhishek
10
abhi
0