

Project Presentation

GRE MASTER

By

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Group#33

Motivation

We were thinking about starting to be prepared for GRE, but also worried about the collision between academics and GRE preps. So we thought it would be helpful to have an app that will take care of our GRE preparations on a daily basis.

Introduction

GRE Master is an android app which was developed in Android studio. This app offers users to prepare themselves for GRE. It's quite hard to take preparation for GRE while maintaining academic studies. GRE Master is to help users to ease their road to GRE.

Key Features

- **Quizzer:** Users can take quizzes from here to testify themselves.
- **Daily vocabulary dose:** Users will receive a word and its meaning via notification on a daily basis.
- **Discussion forum:** Users can be engaged in discussion of GRE related topics and inquiries where GRE experts can answer their queries.

Functionalities



The app starts with a splash screen.

Powered By
A_Team_Has_No_Name

Functionalities

Users have to Create an account or Sign up to use the features of the app. They can select whether they are GRE expert or learner.

Create a new account

Fill up all the credentials

Name
Enter your name

Username
Enter a username

Email
Enter an email address

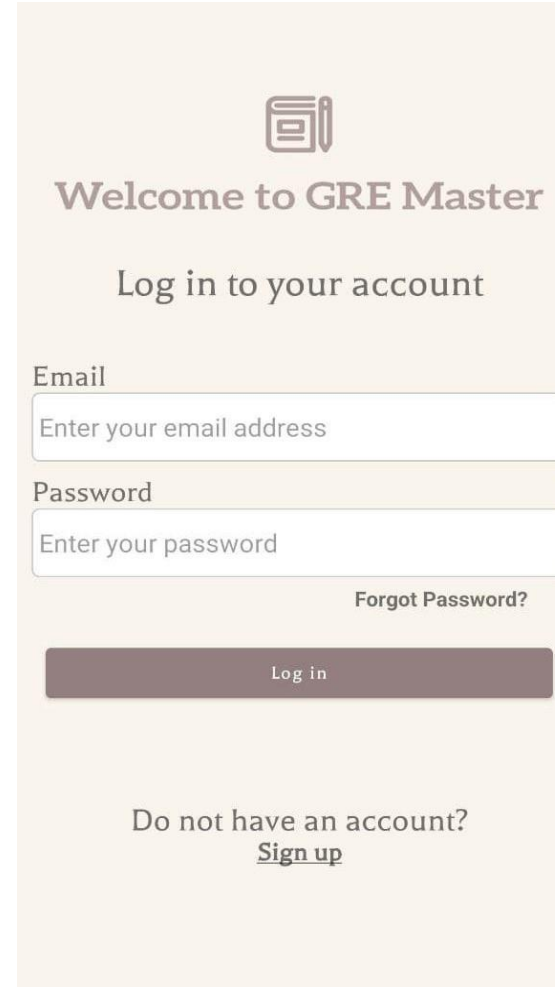
Password
Enter a password

Are you an expert in GRE?
☐ Yes ☐ No

Sign Up

Functionalities

Users can sign up with a valid email account. Email verification is needed to log in.



The image shows a login and sign-up interface for 'GRE Master'. At the top is a book icon. Below it, the text 'Welcome to GRE Master' is displayed. Underneath is the instruction 'Log in to your account'. There are two input fields: 'Email' with the placeholder 'Enter your email address' and 'Password' with the placeholder 'Enter your password'. To the right of the password field is a link 'Forgot Password?'. Below the input fields is a dark grey 'Log in' button. At the bottom, there is a link 'Do not have an account? Sign up'.

Welcome to GRE Master

Log in to your account

Email
Enter your email address

Password
Enter your password

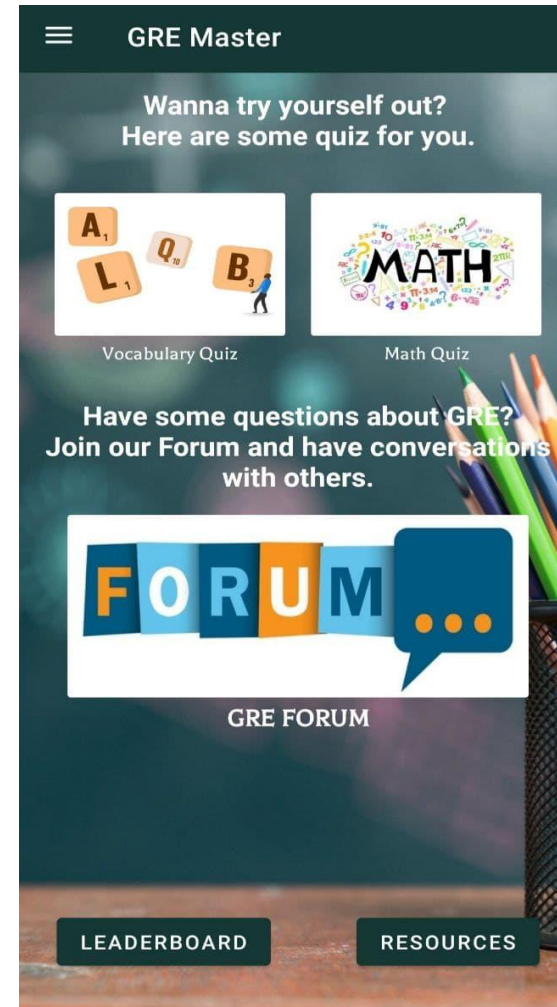
[Forgot Password?](#)

Log in

Do not have an account?
[Sign up](#)

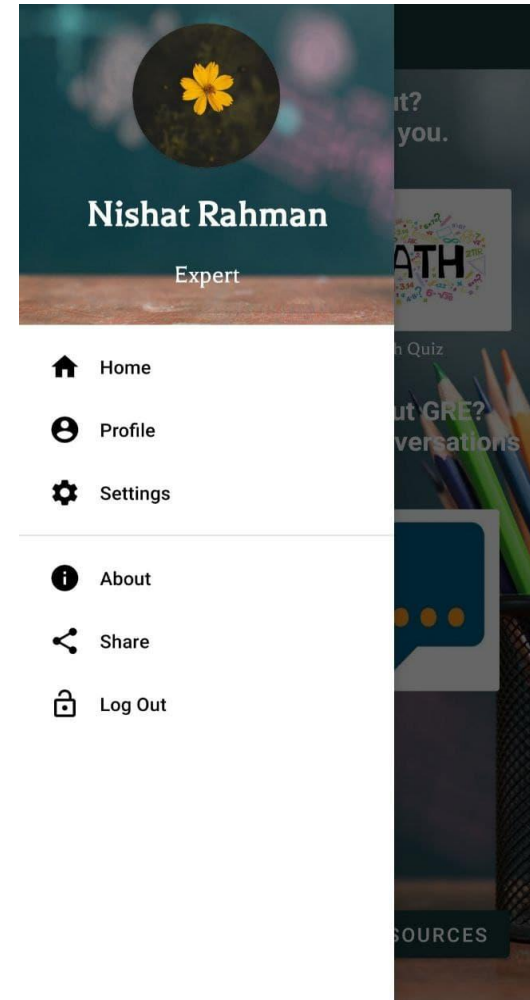
Functionalities

Home Page contains
Quizzes, Forum,
Leaderboard and
Resources.



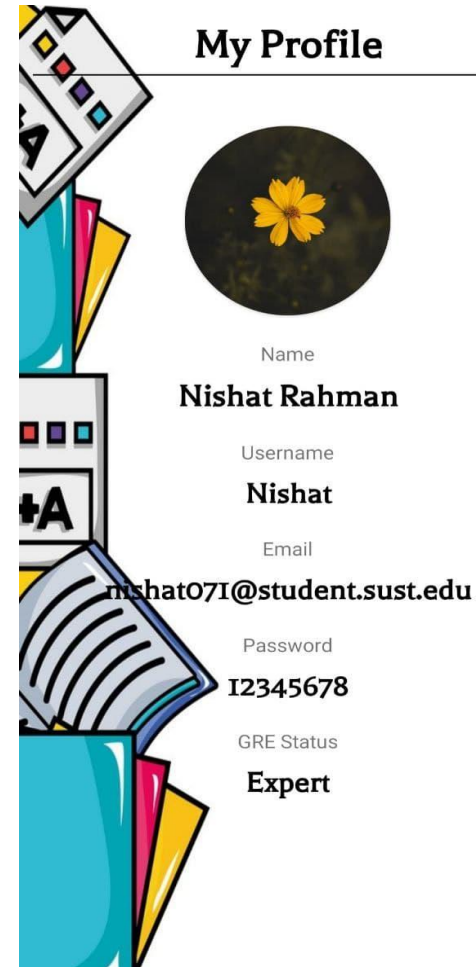
Functionalities

Sidebar contains Profile, Settings, Logout section. It also shows the status of a user if he/she is learner or expert.



Functionalities

Profile shows all the information of the user like name, password, status. Users can set/change their profile picture here.



Functionalities

Users can change their username and password from here.

Account Settings

Current Name

Enter Current Name

New Name

Enter New Name

SAVE CHANGES

Current Password

Enter your current password

New Password

Enter your new password

SAVE CHANGES

DELETE ACCOUNT

Functionalities

Vocabulary quiz section

Guess the meaning

1. Congruous

- ☐ Corresponding or agreeing
- ☐ impracticable
- ☐ An amount that is extra

2. Versatile

- ☐ Having no definite shape
- ☐ Aware of something
- ☐ Capable of doing many things competently

3. Preface

- ☐ A preliminary explanation
- ☐ To prevent from doing
- ☐ Suitable

4. Conceal

- ☐ Impracticable
- ☐ Raise in rank

Functionalities

Math quiz section

Test yourself

1. The price of a pair of sneakers was \$80 for the last six months of last year. On January first, the price increased 20%. After the price increase, an employee bought these sneakers with a 10% employee discount. What price did the employee pay?

- ☐ \$86.40
- ☐ \$70.40
- ☐ \$86.00

2. In how many different ways can 3 identical green shirts and 3 identical red shirts be distributed among 6 children such that each child receives a shirt?

- ☐ 40
- ☐ 216
- ☐ 20

3. A popular website requires users to create a password consisting of digits only. If no digit may be repeated and each password must be at least 9 digits long, how many passwords are possible?

- ☐ $2 \times 10!$
- ☐ $9! + 10!$

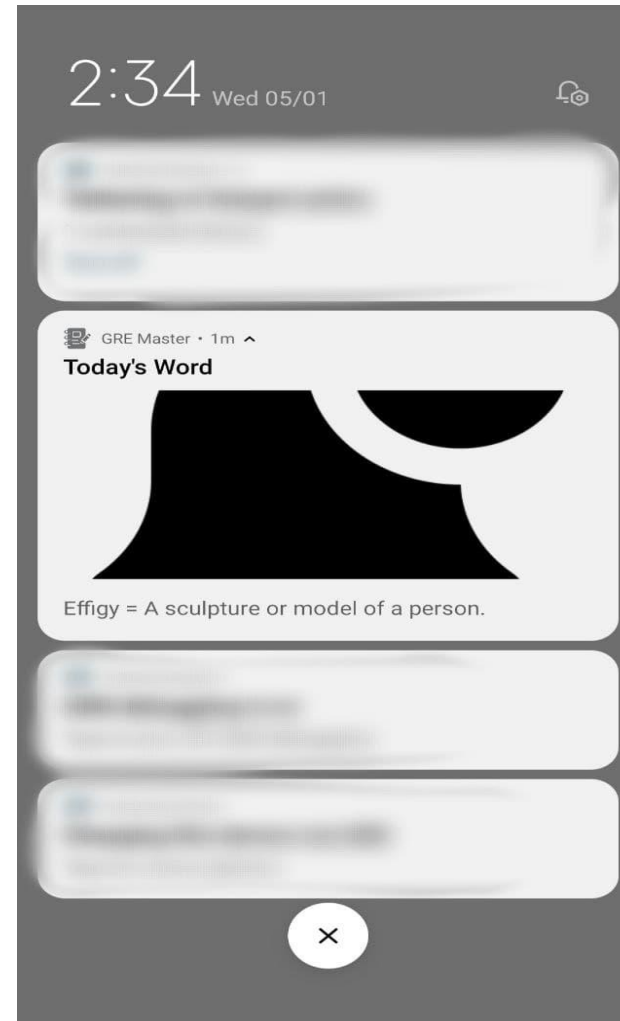
Functionalities

Leaderboard based on
the quizzes

Leaderboard		
	Nafis Fuad Abir	5
	Nishat Rahman	3
	nishat	3
	NF Abir	2

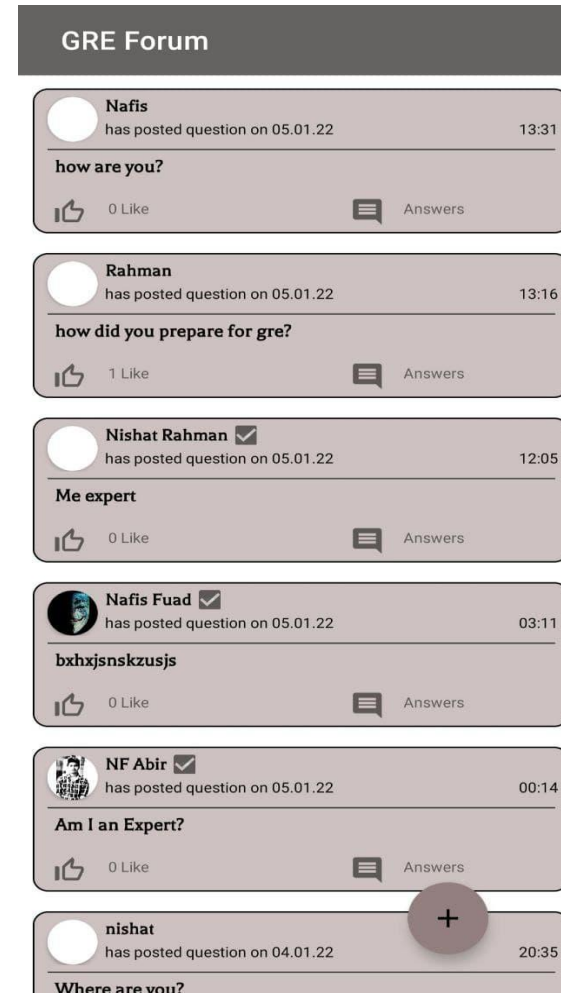
Functionalities

Daily vocabulary dose
via notification using
firebase cloud messaging



Functionalities


Discussion forum where users can be engaged in discussion of GRE related topics and inquiries




Functionalities


There is a special icon by the profile of experts so that users can know whether they are getting their answers from an expert.

Answers


 Nishat Rahman ✓


Yes

 0 Like answered on 05.01.22 | 14:20


 Nishat Rahman ✓

no

 0 Like answered on 05.01.22 | 12:28

 nishat

no

 0 Like answered on 05.01.22 | 00:53

Write your answer here!

➤

Conclusion

Our app could be upgraded in so many ways. The Quiz section needs huge database, the UI could be better and the Forum needs more attention. Although we tried our best, the app needs more polishing in order to fulfil our goal behind the idea.

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect. The shapes are layered, with some appearing more prominent than others, and they extend towards the corners of the frame.

Thank You!