



Discipline Core

Design Project: Mobile Application

CS4201

Assignment 4

Sheikh Muhammed Tadeeb (AU19B1014)

❖ Problem Statement:

Phase1: Test plan with different test cases and execution of the black box testing for different input values. This will lead to verifying the functionality of the system as per the user requirements.

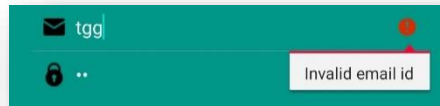
Phase2: Deploying the end product either on localhost, web server, cloud, mobile as per the project requirement and document the process of the deployment.

❖ Phase 1:

S.nos	Black Box Testing Points
1	<pre>graph TD; A[Form Validation] --> B[String Validation]; A --> C[Number Validation]; B --> D[Email-validation]; B --> E[Phone-validation]; B --> F[Password-validation];</pre>
2	Maintained-Session.
3	Filtration of list based on names, rating and year.
4	Inline Payment integration.
5	Scanning of QR codes.
6	Inline opening of links.
7	Email generation.
8	Maintained Session with Google.
9	Enabling Multiple Roles. {i.e., teacher and student}.
10	Functional Cart.

❖ Black Box Testing Validation:

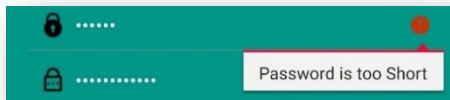
➤ *Point 1: Form Validation*



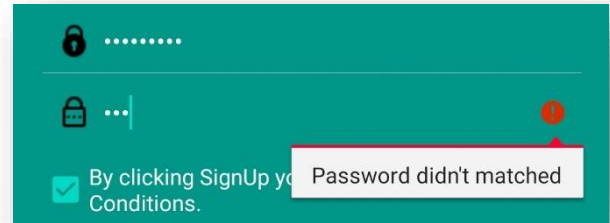
A screenshot of a registration form with a teal background. The 'Email Id' field contains 'tgg' and has a red error icon. A white tooltip box displays the message 'Invalid email id'.



A screenshot of a registration form with a teal background. The 'Full Name' field is empty and has a red error icon. A white tooltip box displays the message 'Please Fill the Field'.



A screenshot of a registration form with a teal background. The 'Password' field contains '.....' and has a red error icon. A white tooltip box displays the message 'Password is too Short'.



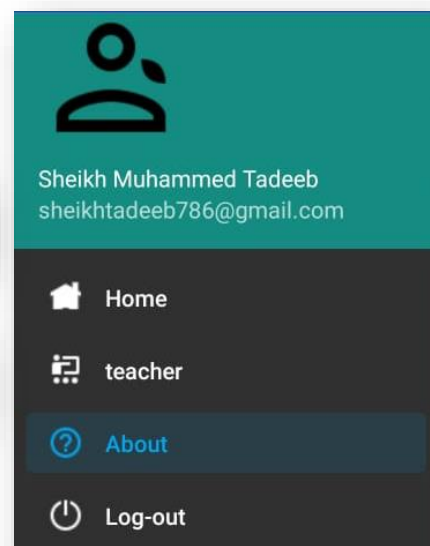
A screenshot of a registration form with a teal background. The 'Confirm Password' field contains '.....' and has a red error icon. A white tooltip box displays the message 'Password didn't matched'.

➤ *Point 2: Maintained-Session*

Session are being maintained in the application i.e., there is proper login and logout carried out for a specific user and once the user logs-out he/she can't return to the home-page by clicking the back button.

Not a Member yet? [Sign Up here.](#)

[LOGIN](#)



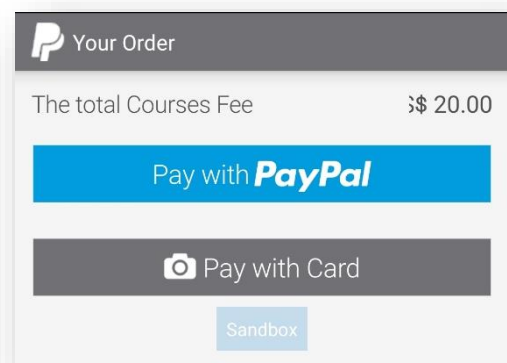
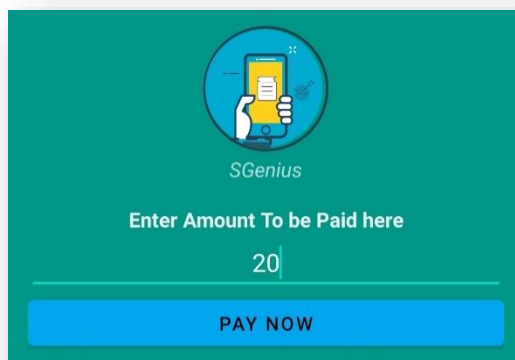
A screenshot of a user profile and navigation menu. The profile section shows a user icon, the name 'Sheikh Muhammed Tadeeb', and the email 'sheikhtadeeb786@gmail.com'. The navigation menu includes links for 'Home', 'teacher', 'About', and 'Log-out'.

➤ **Point 3: Filtration of list**

User can easily search people based on their names, year and rating from the search bar provided at the top of navigation page.



➤ **Point 4: Inline-payment Integration**



➤ **Point 5: QR Code Scanner**

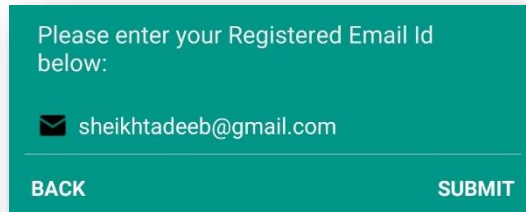
The payment can also be made using a QR code scanner which is helpful in fast and easy transactions. Due to privacy policy of PayPal I have not included the screenshot here.

➤ **Point 6: Inline-opening of links**



➤ **Point 7: Email-Generation**

If user forgets the password, then the email will be sent to him with the password attached.

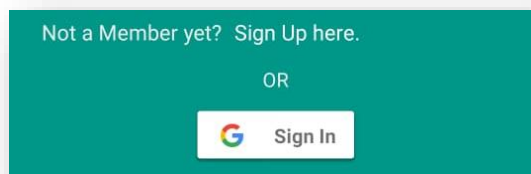


Please enter your Registered Email Id below:

✉ sheikhtadeeb@gmail.com


BACK SUBMIT

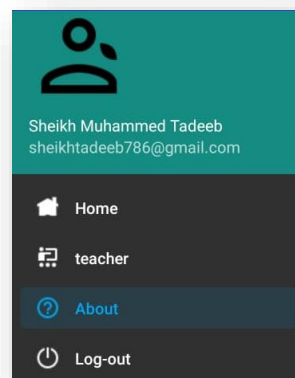
➤ **Point 8: Maintained-Session with Google**




Not a Member yet? Sign Up here.


OR


 Sign In







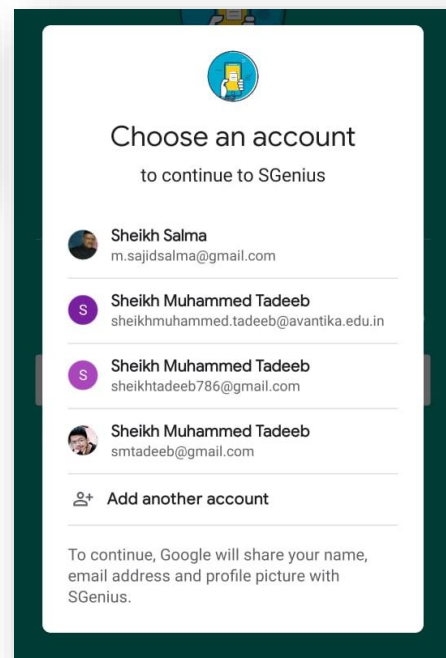
Sheikh Muhammed Tadeeb
sheikhtadeeb786@gmail.com


 Home

 teacher


 About


 Log-out








Choose an account
to continue to SGenius

 **Sheikh Salma**
m.sajidsalma@gmail.com

 **Sheikh Muhammed Tadeeb**
sheikhmuhammed.tadeeb@avantika.edu.in

 **Sheikh Muhammed Tadeeb**
sheikhtadeeb786@gmail.com

 **Sheikh Muhammed Tadeeb**
smtadeeb@gmail.com

 Add another account

To continue, Google will share your name, email address and profile picture with SGenius.

➤ **Point 9: Enabling Multiple Roles. {i.e., teacher and student}.**



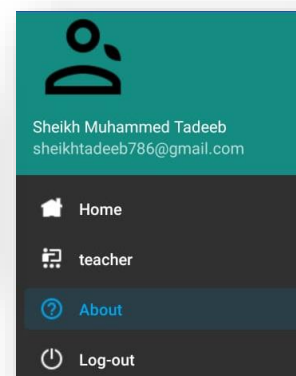



Bretty C 2 year

I wouldn't have grown up as I am today without the help of my teachers.


C++ | Java


2.6 ★







Sheikh Muhammed Tadeeb
sheikhtadeeb786@gmail.com

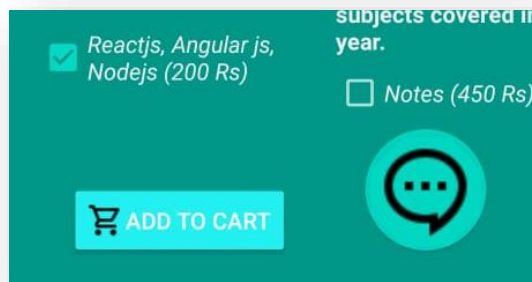
 Home

 teacher

 About

 Log-out

➤ **Point 10:** Functional Cart

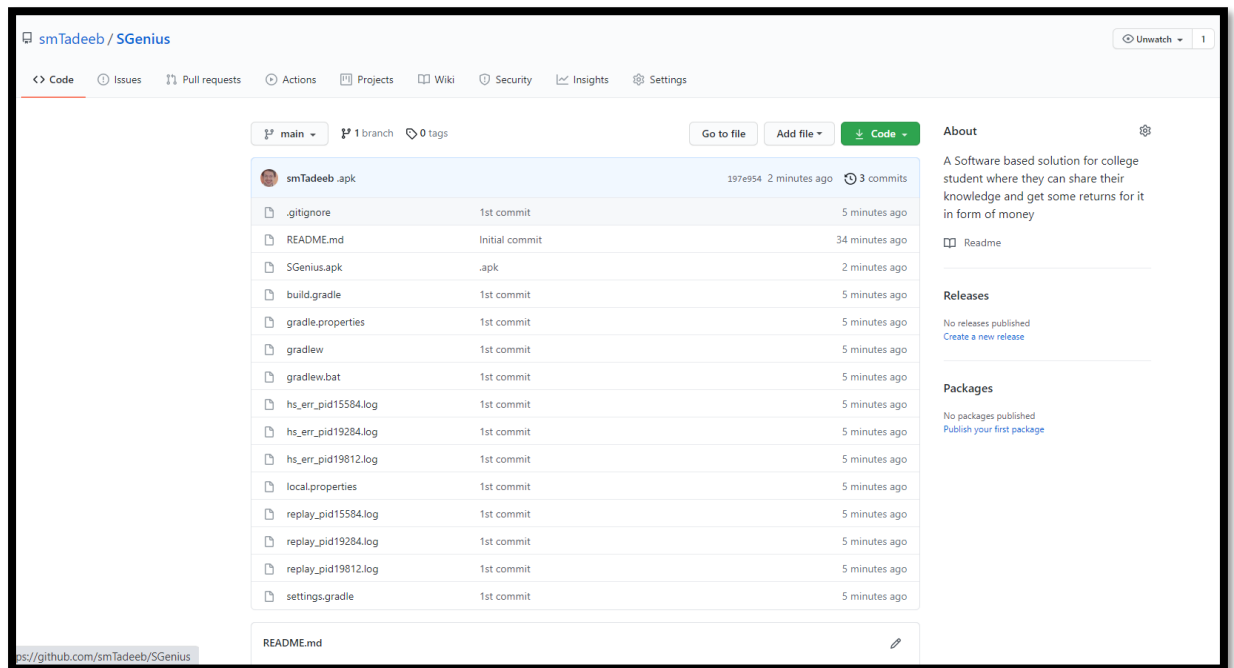


❖ **Black-Box testing result:**

S.nos	Black Box Testing Points	Result
1	<div> <div>Form Validation</div> <div> <div>String Validation</div> <div>Number Validation</div> </div> <div> <div>Email-validation</div> <div>Phone-validation</div> <div>Password-validation</div> </div> </div>	✓
2	Maintained-Session.	✓
3	Filtration of list based on names, rating and year.	✓
4	Inline Payment integration.	✓
5	Scanning of QR codes.	✓
6	Inline opening of links.	✓
7	Email generation.	✓
8	Maintained Session with Google.	✓
9	Enabling Multiple Roles. {i.e., teacher and student}.	✓
10	Functional Cart.	✓

❖ Phase 2:

The Application has been deployed on GitHub. Click on the [link](#).



❖ Conclusion:

Hence the testing has been successfully done for various inputs and Sessions which is working perfectly fine.