Bibliophilic

By

Rajvi Dave(92200133038)

Project Submitted to

Marwadi University in Partial Fulfillment of the Requirements for the subject Capstrone Project
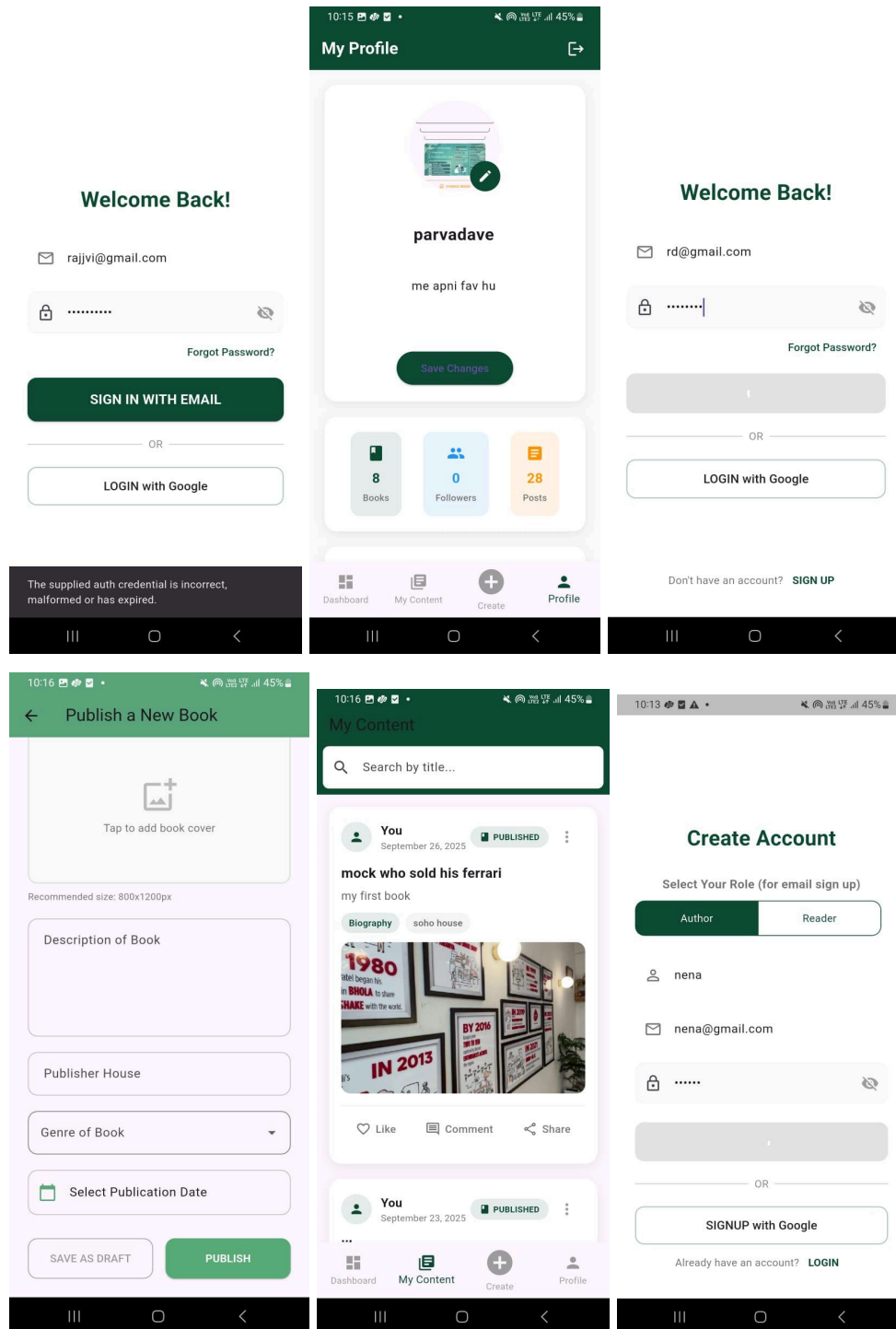
September 25

MARWADI UNIVERSITY
Rajkot-Morbi Road, At & Po. Gauridad,
Rajkot-360003, Gujarat, India

Bibliophilic: Testing and Validation Report:-

Unit testing:-

- The purpose of unit testing is to test the smallest part of an app and to validate the functionality of it whether the app is working properly or not.
- Here we will test the Services folder of our project which is basically defining the individual services that are being provided by firebase and to validate the input and data flow.

Here as you can see in the pictures above,

1) Error occurred while entering wrong password(auth.dart)

2) Real time data updation (database.dart)

3) Login by using credentials - validates the data from firebase (auth.dart)

4)Able to publish new posts (database.drt)

5) Signup function that is registering data in backend firebase(auth.dart)

Integration testing:-

1) Successfully signed up and navigated to the dashboard.(auth service and database service)
2) Real time reflection of newly created posts (database.dart,my content page)
3) Logout-> Loginpage(authservices)

Performance Metrics:-

End-to-End Logintime- 1.8 seconds(average)

Rea time content update latency - 2 seconds(fixed)