

MINI PROJECT
(2021-22)
“QUORA OF COLLEGE”
Project Report



Institute of Engineering & Technology

Submitted By -

Ajit Sharma (191500067)

Vipul Kumar (181500802)

Under the Supervision Of

Ms. Ruchi Talwar

Technical Trainer

Department of Computer Engineering & Applications



Department of Computer Engineering and Applications

GLA University, 17 km. Stone NH#2, Mathura-Delhi Road,

Chaumuha, Mathura – 281406 U.P (India)

Declaration

I/we hereby declare that the work which is being presented in the Bachelor of technology. Project “**Quora of College**”, in partial fulfillment of the requirements for the award of the **Bachelor of Technology** in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Ms. Ruchi Talwar, Technical Trainer, Dept. of CEA, GLA University.**

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

Sign: *Ajit sharma*

Name of Candidate: Ajit Sharma

University Roll No.:191500067

Sign: *Vipul Kumar*

Name of Candidate: Vipul Kumar

University Roll No.:181500802



Department of Computer Engineering and Applications

GLA University, 17 km. Stone NH#2, Mathura-Delhi Road,

Chaumuha, Mathura – 281406 U.P (India)

Certificate

This is to certify that the project entitled “Quora of College”, carried out in Mini Project – II Lab, is a bonafide work by Ajit Sharma, Vipul Kumar and is submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Technology (Computer Science & Engineering).

Signature of Supervisor:

Name of Supervisor: Ms. Ruchi Talwar

Date: 25/05/2022



Department of Computer Engineering and Applications
GLA University, 17 km. Stone NH#2, Mathura-Delhi Road,
Chaumuha, Mathura – 281406 U.P (India)

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Presenting the ascribed project paper report in this very simple and official form, we would like to place my deep gratitude to GLA University for providing us the instructor Ms. Ruchi Talwar, our technical trainer and supervisor.

She has been helping us since Day 1 in this project. She provided us with the roadmap, the basic guidelines explaining on how to work on the project. She has been conducting regular meeting to check the progress of the project and providing us with the resources related to the project. Without his help, we wouldn't have been able to complete this project.

And at last but not the least we would like to thank our dear parents for helping us to grab this opportunity to get trained and also my colleagues who helped me find resources during the training.

Thanking You

Sign: *Ajit sharma*

Name of Candidate: Ajit Sharma

University Roll No: 191500067

Sign: *Vipul Kumar*

Name of Candidate: Vipul Kumar

University Roll No: 181500802

ABSTRACT

The aim of developing Quora of College is to establish connection between students, faculty and Alumni used to guide students related any issues and inform students about upcoming recruitments. Another important reason for developing this project is to increase productivity and better preparation of students by getting in contact with students of same interest and field to enhanced their skills.

ABSTRACT

The aim of developing Quora of College is to establish connection between students, faculty and Alumni used to guide students related any issues and inform students about upcoming recruitments. Another important reason for developing this project is to increase productivity and better preparation of students by getting in contact with students of same interest and field to enhanced their skills.

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CHAPTER-1

INTRODUCTION

1.1 CONTEXT

This react Application “Quora Of College” has been submitted in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering at GLA University, Mathura supervised by Ms. Ruchi Talwar. This project has been completed approximately one month and has been executed in modules, meetings have been organised to check the progress of the work and for instructions and guidelines.

1.2 MOTIVATION

In the recent years, we have realized the importance of virtual learning and how important it is for us to have our resources online. Online sites have been the greatest source of learning all the while and having them at the reach of our fingertips would be an opportunity hardly any student would afford to miss.

In the century we are living the world is progressing at a really great pace, a lot number of technologies come up every single day. To keep up with the technology is also important to survive in this world of digitalization and learning. Along with this we need to have a place to keep the resources for areas of our interest so we thought of developing a app which could provide us with virtual books as well as a platform where we could keep the books we like marked. Adding to its features, some of the books will pop up into the suggestion box according to the recent search, making you go deep into the field you are learning in.

Moreover this kind of application can be used in areas/schools where guardians /parents for them who need guidance . This would be an excellent effort to provide education without any boundaries to all.

1.3 OBJECTIVE

The main objective of this application is to create a Quora named “Quora of College” which will have a lot of Questions and a space to keep up the answers one wants to read. There will be a facility to search any Query one wishes to read by the use of any keyword like the author name, book name, the name of the subject. After the search there will be list of related questions and answers one can view and read more about the details of the Quora .

This application developed can be used at a variety of places, at education hubs and have its significance. The goal of the app was to provide a way to the learners and users to get all the Query they desire to read at a particular location rather than randomly surfing the Internet.

1.4 EXISTING SYSTEM

In the present scenario, we are dealing with the manual searching Of Any Questions from thousands of other doubts present in Quora of college. With the help of this application we are able to find a place where we can easily find the any types of questions or doubts with the help of Quora of college. As this idea as already implemented here are the some snap how our application will look.

As soon as the user enters the app, there will be landing page containing the name of the app and then there will be a login /signup page .Initially there will be search bar as shown in the app . Then on the basis of certain keywords the app will fetch the results and the answers will be displayed as shown in the second screenshot. In this we will add a feature of Quora of college the questions or add to favourites as this will be helpful when the user try the use the same Answers again.

1.5 SOURCES

The source of our project (including all the project work, documentations and presentations) will be available at the following link
https://github.com/JanviPangoriya/Book_finder_app_mini_project.

CHAPTER -2 SOFTWARE REQUIREMENT ANALYSIS

2.1 IMPACT OF QUORA ON DAILY LIFE

Quora of college are considered as the best friends of students and teachers in a real sense, and it is said that they are also the best companions of students. They play a significant role in Student's life. Quora give plenty of joy to students, and they learn a lot of things from Quora of college . They asked any question or any doubts in this here and any users reply answers.

Quora help to inspire students any faculty to do hard work with courage and hope. They enrich the experience of students and sharpen their intellect.

Quora of college increase the knowledge of students and improve their intellect. They reveal the different concepts and introduce the numerous shades of culture of the world. Reading books makes students aware of the various societies and civilizations across the globe. students can explore the past, present and future and can solve many doubts. Quora inspect and creativity in Student's mind.

Quora of college can help improve the memory of students. When students read any answers in Quora of college, they create the images of the story and character mentioned in the book and they are able to memorize what they have query. So if students read regularly their visual memory will activate and it will help them to quickly remember things.

Quora of college is an adequate remedy for students or any users to relieve stress. When students asked the questions they feel stress free and take them to the world of imagination. Quora inspire

students and faculty motivate them to change their life and they are highly charged with positive energy.

It naturally help them to focus on their life. This will also help them to improve their academic performance and they can learn more in very less time. When the students feel stress-free, then they can focus on their studies easily without any barrier.

students will be able to interact with people in their endemic language. This is very useful when students go abroad for question. If students know different languages then they can make new friends and easily cognate with their teachers.

Quora can improve the Student's ability to think, and they are able to find the solution to problems. We can builds the understanding and awareness of students in different situation. Quora make the students self-effacing and compassionate and also boost the confidence of Students. Any questions can enhance the imagination and creativity of Student's and increases positive thinking.

2.2 PROBLEM STATEMENT

The Questions or Answers Finder App “Quora of college” is an Android Application which will allow the users to search any Questions or doubts using either Quora, author , the subject into which Question falls in or any other keyword related to the Quora . Actually this app is connected to the firebase and every time the user searches for questions, the questions is searched on the search bar , author name and a few more details are reverted back to the user's screen.

Along the side, for the users a library space is being provided for them to store the books they like in the “Favourites Section”. As a help to the users, there will be FAQ Section containing the basic details and guidelines on how to use the app. The profile of each user is created and can be updated anytime as per the requirements. One another feature that our app holds is as soon as a new query is published, it is put up on the quora and since we have directly connected to the firebase it can also be found on our app without any modifications by the creators.

This app is a complete FAQ with all the facilities a reader desires and with the proper User Interface as well.

2.3 HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Requirement

- Processor :intel i3
- Operating System :Any Operating System
- RAM : 2 GB (or higher)
- Hard disk : 256GB

Software Requirement

- Software used: VS Code
- Language used : JavaScript
- Database: Firebase
- User Interface Design : React Application

2.4 MODULES AND FUNCTIONALITIES

- **Splash Screen:** The first screen with which the user interacts will be this screen containing the logo and the app name .This will disappear within 5 seconds after the app is displayed.
- **Login Page:** This page is for those users who have already registered themselves on the app and have a username and a password. There is also a way on this page for the new users to register themselves which will take them to the registration page.
- **Registration Page:** This is page is solely designed for the new users of the app who are willing to register themselves. This page takes input of the various details of the user and stores it in the database, later helping the user to login into the account with credentials they have provided.

- **Forget Password Page:** This page comes into picture when one of the user forgets the login credentials. In this case this page asks for the email-id with which the user has already registered. The app will check if there is any entry in its database with the id and if there a mail will be sent to the same id for recovering the credentials and notification will be given to the user.
- **Navigation Drawer:** This is the most important part of the application that provides interactivity within the app as it connects the various activities together like it is a side bar on which the profile, the dashboard, the favourites section, the FAQ section ,the About page of the page are linked and on clicking on each you can visit the pages.
- **Dashboard Page:** This is the page displayed for every user after entering the app successfully. It contains the search bar where the user can search the book according to the wish as well as some of the books are suggested with the genres recently searched or the most popular one.
- **FAQ Page:** After searching the query there are a number of query that appear, when the user select the query the page will be displayed that will contain all the details of the question i.e. the book poster author name, price and a short summary of the book and the link to buy the e-book.
- **Favourites Page:** Initially the page is empty, but when the users search for a question and like it then one can add it to the favourites section. This place is a user's personal space to store any query he likes or want to mark.
- **Profile:** This page will contain all the user details that the user entered while creating the account on the app. The user can update and make changes to all this information as desired.
- **Answer Pages:** This page contains some of the questions that might arise in the mind of the users while using the app and to answer those, these answers are pre-written.

- **Logout page:** Then is this last panel for the users to sign out from the account. As soon as the users sign out they are brought back to the login page.



2.5 QUORA OF COLLEGE ON REACT MODULE

Quora of College is actually a library of questions. Library is the place with the collection of large number of Q&A. Some libraries will be having a collection of millions of Questions so their arrangement and maintenance is also important. But it will be very difficult for people search for a particular question among millions and hence it comes up as tedious job. Even the experienced librarians may fail to find a particular question and its location so here is when an react application “Quora of college” comes into picture.

This app will give readers new ways to show their love for books review them online, keep track of what they read, share photos of their bookshelf with friends, and, of course, discover new books to read.

CHAPTER- 3

SOFTWARE DESIGN

3.1 USE-CASE DIAGRAM:

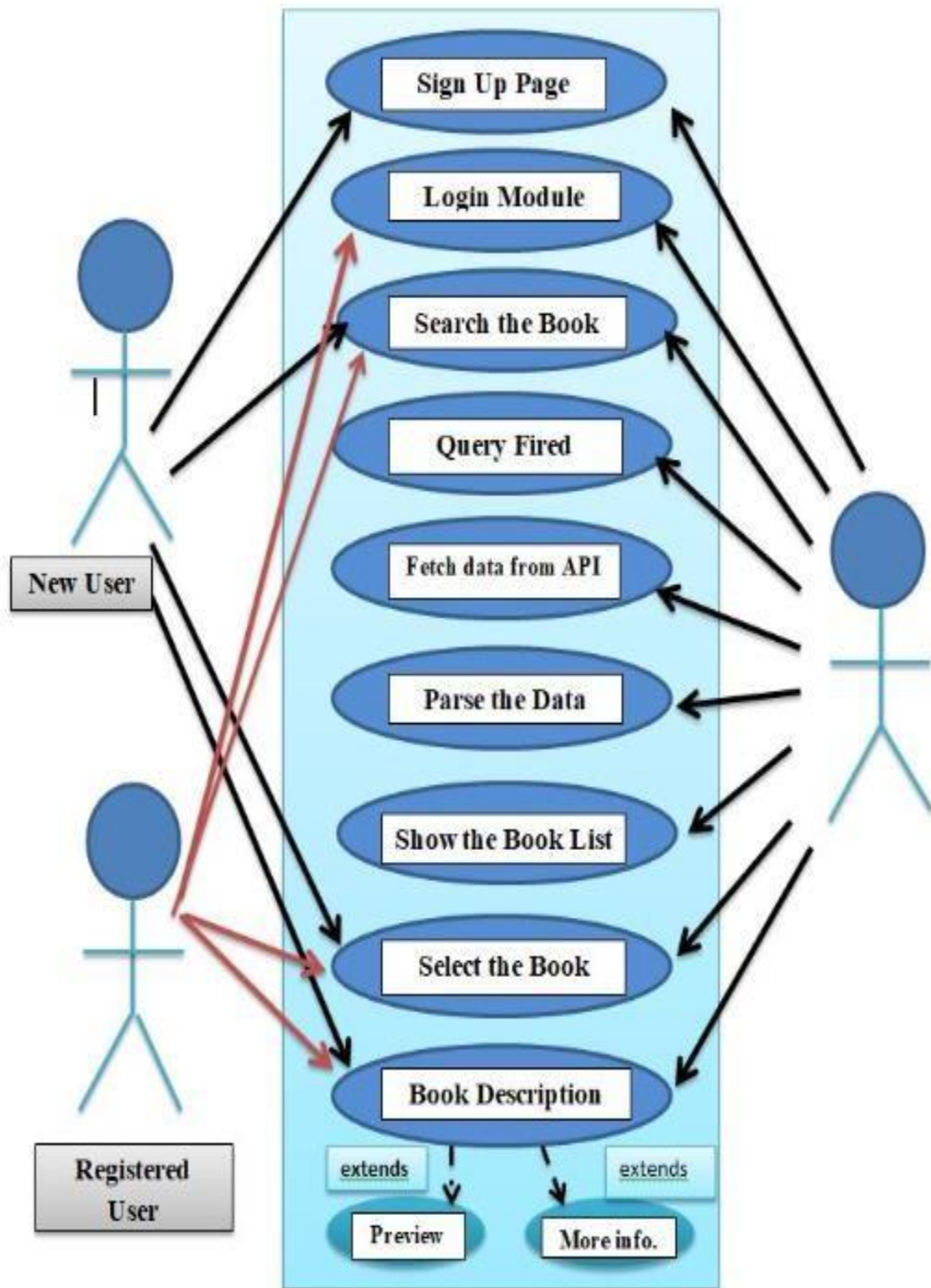


Figure-2: Use-Case Diagram

So the above diagram represents the point of view of the new user, the registered user, and the developer and the arrows to each module show the interactivity of the person.

The New user will first be required to create up a new account so will interact with the “sign-up module” and fill up all the details that will be stored in the database. The next user will land into

the dashboard where there will be “search bar” where the user can enter the topic he desires to know or any related keyword to the book. The list of questions will appear on the screen and the new user will interact with “select the question” module. Then the user can interact with the “Description of the answers” module to read more about the question.

For the registered user, the user will be having the credentials to login and will interact with the “login module” and then the user will enter into the dashboard where there will be “search bar” where the user can enter the query he desires to read or any related keyword to the query. The list of questions will appear on the screen and the new user will interact with “select the answer” module.

Then the user can interact with the “Description of the answer” module to read more about the question.

For the developer he can connect with each and every module mentioned in the use case diagram. Apart from the modules mentioned in use case diagram there are modules like profile, sign out, FAQ and about us section that every registered user can access.

3.2 DATA FLOW DIAGRAM

The question list details contain the keyword name, the poster, the genre, and a short review about the query, the price of the book and the link to buy the book. The plus point of this app is it is connected to the Google book API so as soon as a new query is posted ; it is automatically to the app also.

As soon as the user encounters with the login module, we check the credentials of the user if the credentials are correct as per the database we proceed to the dashboard else if wrong we encounter the forget password module and then mail is sent to the registered mail id. From the dashboard module, we can interact with the favourites section, the profile module, the FAQ Section, The sign out section. On searching the book, from the dash board module, we encounter the check book list activity, checking the book details activity and the published date activity.

The DFD for the Quora of College is shown below:

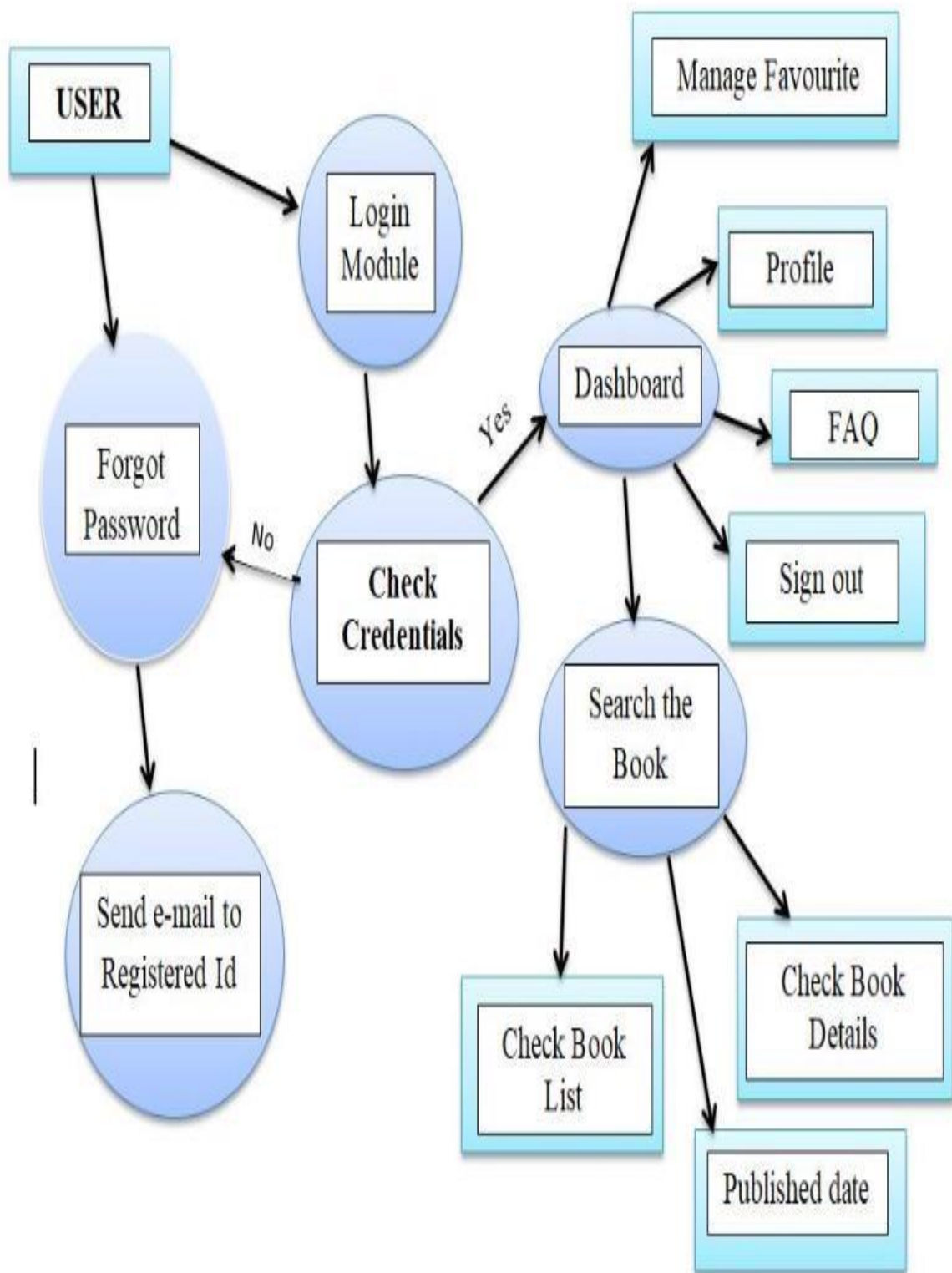


Figure-3: Data Flow Diagram

3.3 SEQUENCE DIAGRAM

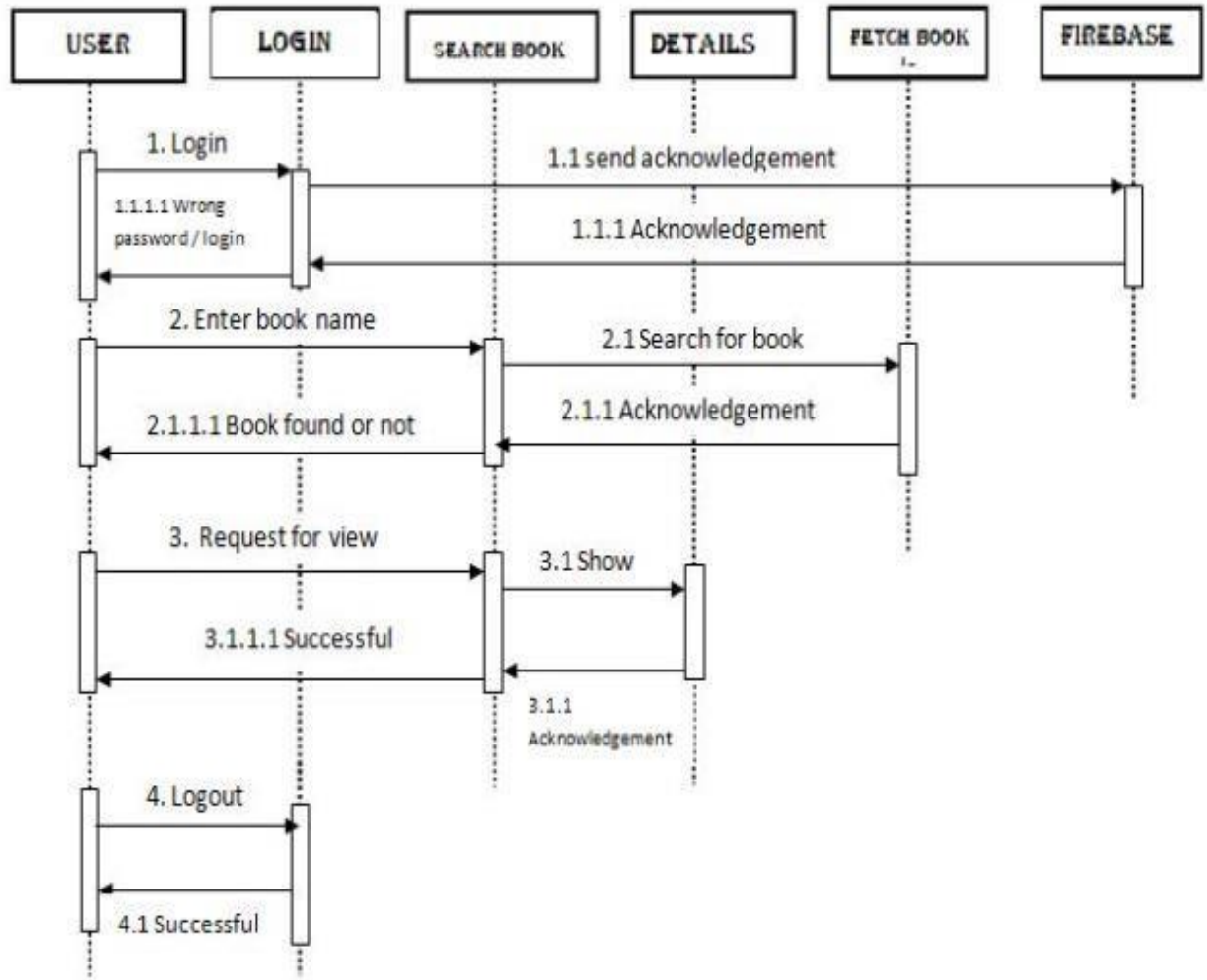


Figure-4: Sequence Diagram

CHAPTER-4 TECHNOLOGY USED

4.1 Reactjs

React (also known as **React.js** or **ReactJS**) is a [free and open-source front-end JavaScript library](#)^[3] for building [user interfaces](#) based on UI components. It is maintained by [Meta](#) (formerly Facebook) and a community of individual developers and companies. React can be used as a base in the development of [single-page](#), mobile, or server-rendered applications with frameworks like [Next.js](#). However, React is only concerned with state management and rendering that state to the [DOM](#), so creating React applications usually requires the use of additional libraries for routing, as well as certain client-side functionality, But first it would be great to see the three different type of React Apps:-

- **Native Apps:** An executable program coded in the machine language of the hardware platform it is running in. **Native applications** are compiled into the machine language of that CPU. For example, **Windows** and Mac executable **apps** are in x86 machine language, while **mobile apps** are ARM based. Native apps are the most common. They're coded in a specific language like Swift for **iOS** or Java for Android. A popular example is WhatsApp.
- **Web Apps:** are accessed via the internet browser and will adapt to whichever device you're viewing them on. They are not native to a particular system, and don't need to be downloaded or installed. Due to their responsive nature, they do indeed look and function a lot like mobile apps — and this is where the confusion arises.
- **Hybrid Apps:** Hybrid apps are deployed in a native container that uses a mobile Web View object. When the app is used, this object displays web content thanks to the use of web technologies (CSS, JavaScript, HTML, HTML5). It is in fact displaying web pages from a desktop website that are adapted to a Web View display. The web content can either be displayed as soon as the app is opened or for certain parts of the app only i.e. for the purchase funnel. In order to access a device's hardware features (accelerometer, camera, contacts...) for which the native apps are installed, it is possible to include native elements of each platform's user interfaces (iOS, Android): native code will be used to access the specific features in order to create a seamless user experience. Hybrid apps can also rely on platforms that offer JavaScript APIs if those functionalities are called within a Web View

4.2 VERSION OF Reactjs

Each year Raact releases a new version with better features, better security and better User Interface experience and a new symbol. Here is the table of list of versions

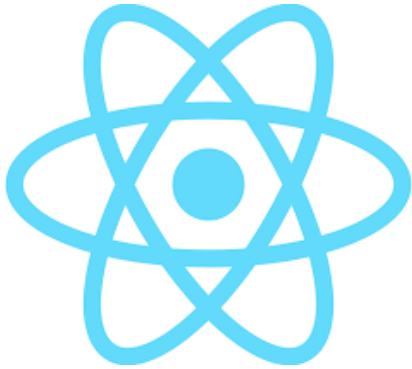


Figure-5: React

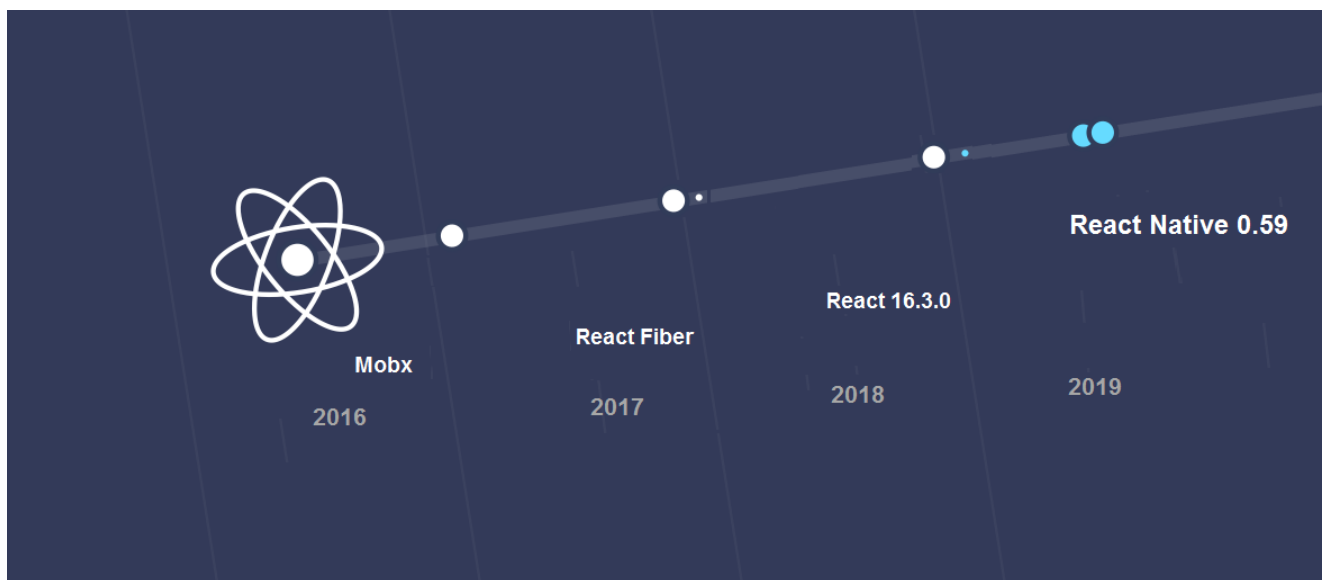


Table -1: Versions of React.js

4.3 TOOLS AND LANGUAGES

Tools used to build the React App are:-

- **VS Code: Visual Studio Code**, also commonly referred to as **VS Code**, is a [source-code editor](#) made by [Microsoft](#) for [Windows](#), [Linux](#) and [macOS](#). Features include support for [debugging](#), [syntax highlighting](#), [intelligent code completion](#), [snippets](#), [code refactoring](#), and embedded [Git](#). Users can change the [theme](#), [keyboard shortcuts](#), preferences, and install [extensions](#) that add additional functionality.
- **Redux**: Redux is an open-source JavaScript library for managing and centralizing application state. It is most commonly used with libraries such as React or Angular for building user interfaces. Similar to Facebook's Flux architecture, it was created by Dan Abramov and Andrew Clark.
- **Firebase**: Firebase is a platform developed by Google for creating mobile and web applications. It was originally an independent company founded in 2011. In 2014, Google acquired the platform and it is now their flagship offering for app development

Languages used in building an Android Application are classified as per the Front End and Back End. For designing the Front End of an application we have used XML and for designing the Back End we have used Kotlin.

- **JavaScript**: JavaScript, often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. Over 97% of websites use JavaScript on the client side for web page behavior, often incorporating third-party libraries

4.4 BASIC TERMINOLOGY

- **Layout**: Layout is the parent of view. It arranges all the views in a proper manner on the screen.
- **Activity**: An activity can be referred as your device's screen which you see. User can place UI elements in any order in the created window of user's choice.
- **View**: A view is an UI which occupies rectangular area on the screen to draw and handle user events.
- **Emulator**: An emulator is an Android virtual device through which you can select the target Android version or platform to run and test your developed application.
- **Manifest file**: Manifest file acts as a metadata for every application. This file contains all the essential information about the application like app icon, app name, launcher activity, and required permissions etc.
- **Intent**: Intents are an essential part of the Android ecosystem. They are used to express an action to be performed. Intents allow you to interact with components from the same applications as well as with components contributed by other applications. It can be classified into implicit and explicit intents.
- **Implicit intent**: It does not name a specific component, but instead declare a general action to perform, which allows a component from another app to handle it.
- **Explicit Intent**: It specifies the component to start by name. You'll typically use an explicit intent to start a component in your own app, because you know the class name of the activity or service you want to start.

- **Action Bar**: The action bar is an important design element, usually at the top of each screen in an app that provides a consistent familiar look between Android apps. It is used to provide better user interaction and experience by supporting easy navigation through tabs and drop-down lists.
- **Navigation bar**: Android Navigation Drawer is a sliding left menu that is used to display the important links in the application. Navigation drawer makes it easy to navigate to and fro between those links. It's not visible by default and it needs to be opened either by sliding from left or clicking its icon in the Action Bar.
- **Fragment**: A Fragment represents a behavior or a portion of user interface in a Fragment Activity. You can combine multiple fragments in a single activity to build a multi-pane UI and reuse a fragment in multiple activities.
- **Firebase** is a Backend-as-a-Service (Baas). It provides developers with a variety of tools and services to help them develop quality apps, grow their user base, and earn profit. It is built on Google's infrastructure. Firebase is categorized as a NoSQL database program, which stores data in JSON-like documents. Firebase has three core services: a real-time database, user authentication and hosting. With the Firebase iOS SDK, you can use these services to create apps without writing any server code.

JSON stands for JavaScript Object Notation. It is an independent data exchange format and is the best alternative for XML. JSON is used for data interchange (posting and retrieving) from the server. Hence knowing the syntax and its usability is important.

JSON is the best alternative for XML and is more readable by human

CHAPTER -5

IMPLEMENTATION AND USER INTERFACE

Creating an app concept design with screen sketches and functional flow diagrams is the best way to communicate your vision to the mobile app developer. Making the concept clear to the developer is probably the most important factor in successful mobile app development. Yet it is one of the most common problems or obstacles in a mobile app development outsourcing project.

No matter what the marketing and profit goals are or if you are outsourcing an app for your personal use, you need to fully design and document the app concept if you expect a programmer to make your vision a reality. Developers are not mind readers and even descriptions given during conversations can be very fleeting or interpreted differently. Fully documenting your concept, therefore, leaves little to chance. The two most important things to do are: A) make a comprehensive description of how the app works and what it does (functionality) and B) create a comprehensive description of what the user sees and does (look and feel).

5.1 Implementation of the Quora Of College:

Implementation of Quora is taken place in various phases. Firstly we build the login interface then Navigation drawer i.e. make fragment for each of the list item using the Navigation view and the make various layout for the supporting features and connect the app with the firebse for fetch the required book. And finally we parse the Jason object to get the data in the required format and then display the result.

5.1.1 Step to be followed to develop the app:

1. Firstly we create the splash screen with animated text using Javascript and linked it with the main Activity through React.js.
2. After that we create login phase which comprises of various phases that are mentioned below:
 - Login Page: allows user to login into the app if the user is existing one
 - Register Page: If the user is new to our app then firstly he/she have to register themselves on the app.
 - Forgot Password: allows user to reset the password if it forget the previous password.

- **For authenticating the user we have used firebase authentication.**
3. Now, we are going to create Navigation drawer for that purpose we have used following functionality of android:
 - Fragments(SupportFramentManager)
 - Menu – items
 - Drawer header
 - Hamburger icon
 - ActionBarDrawableToggle (help to create navigation Bar)
 4. .Creating fragment for each of the menu item. Our Menu items are:
 - Dashboard
 - Profile
 - About App
 - FAQ
 - Favourites
 - Sign-Out
 5. Now we have created various activities like Query List, Answer Description and many more.
 6. In this step we connect our app with the firebase using Volley (Volley is an HTTP library that makes networking for React apps easier and most importantly, faster).
 7. After that we parse the JASON object that we have received as a response for our query to get the data in the standard form.
 8. Now we add data (that we have received from firebase) to the answer description activity .
 9. In the description Activity there are various functionality. Some of them are mentioned below
 - Preview: We have set OnClickListener to this. With the help of this if user clicks on this button it will redirect the user to the Google book page on Google.
 - Buy Here: It will allow user to purchase that book and redirect the user to the buying page.
 - Favourites: it will add the book to the favourites that you can read to later.

Flow Chart for the User is given below:

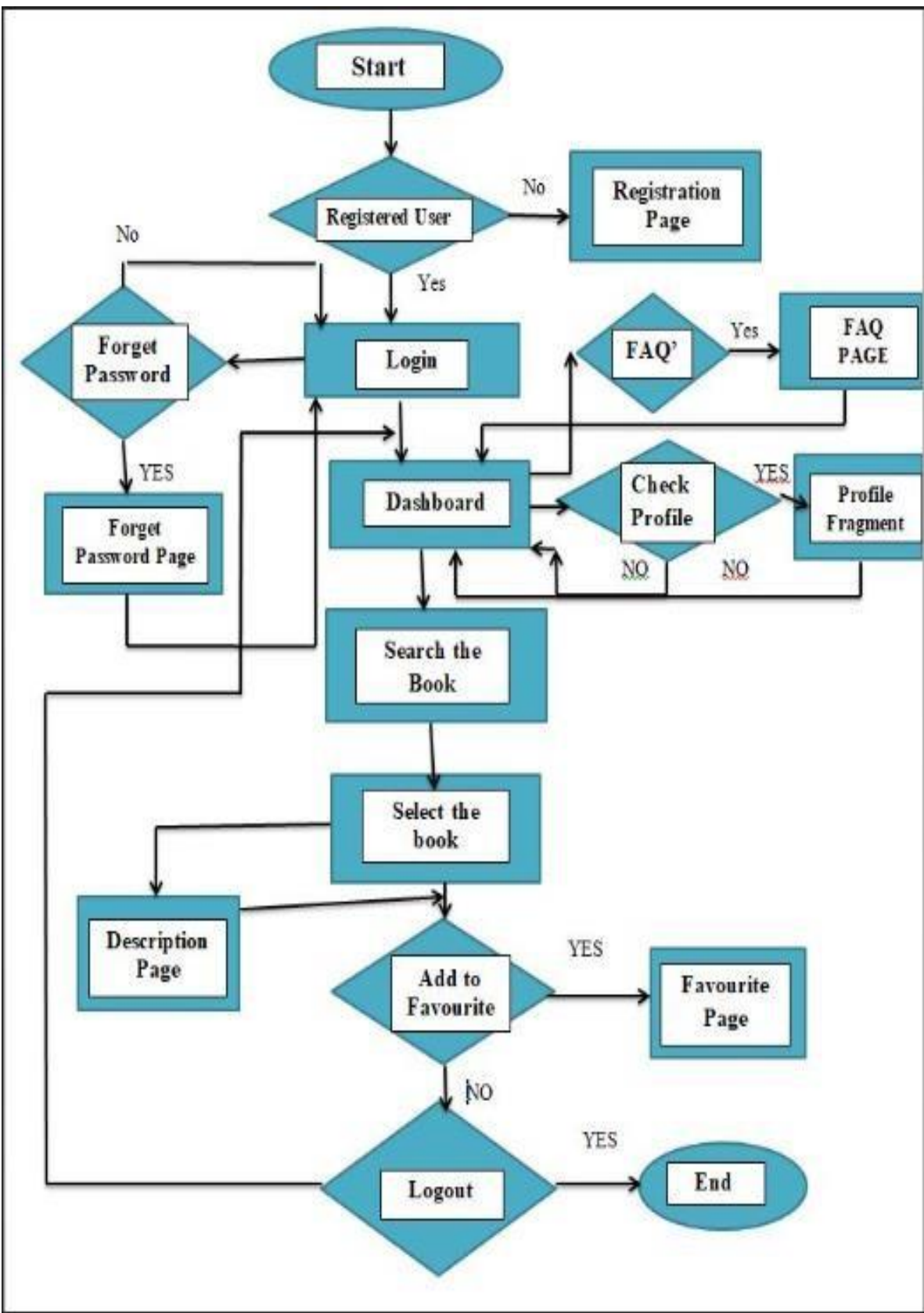


Figure-6: Flow Chart for User

5.1.2 Step to be followed by the user

1. Firstly, we have build splash activity to start the application.
2. Then, we have the Login activity which consists of following steps
 - Register : for new User
 - Login: For existing as well as new user
 - Forgot Password: To reset your password
3. We authenticate and store the user information from the Firebase authentication.
4. After that, we made a Drawer layout of our Quora of College app which includes various functionality
 - Profile Fragment: To check the profile and update the database.
 - Dashboard Fragment: Show the book on the genre basis and it is open by default.
 - Favourite: To see the favourites book that you have added or you found interesting.
 - FAQ's Fragment: It comprises all the frequently asked questions.
 - About App : Information about the app
 - Sign-out Fragment: Remove/logout you from the app.
5. In Dashboard fragment we also include the search bar in which the user can search for the books of their interest.
6. After that list of book according to your search will appear
7. Select the book according to your choice.
8. Then the description page of the book will appear. It comprises of the following things:
 - Author's Name
 - Publisher's Name
 - Published Date
 - Languages
 - Rating
 - Price
 - Preview
9. If you want to add the book into favourites then in the description page Add to Favourites option is also given. You can see the books that are added in the favourite into navigation Drawer menu item favourites.
10. Now you can enjoy the reading of your favourite book.

5.2 User Interface

- Register Page

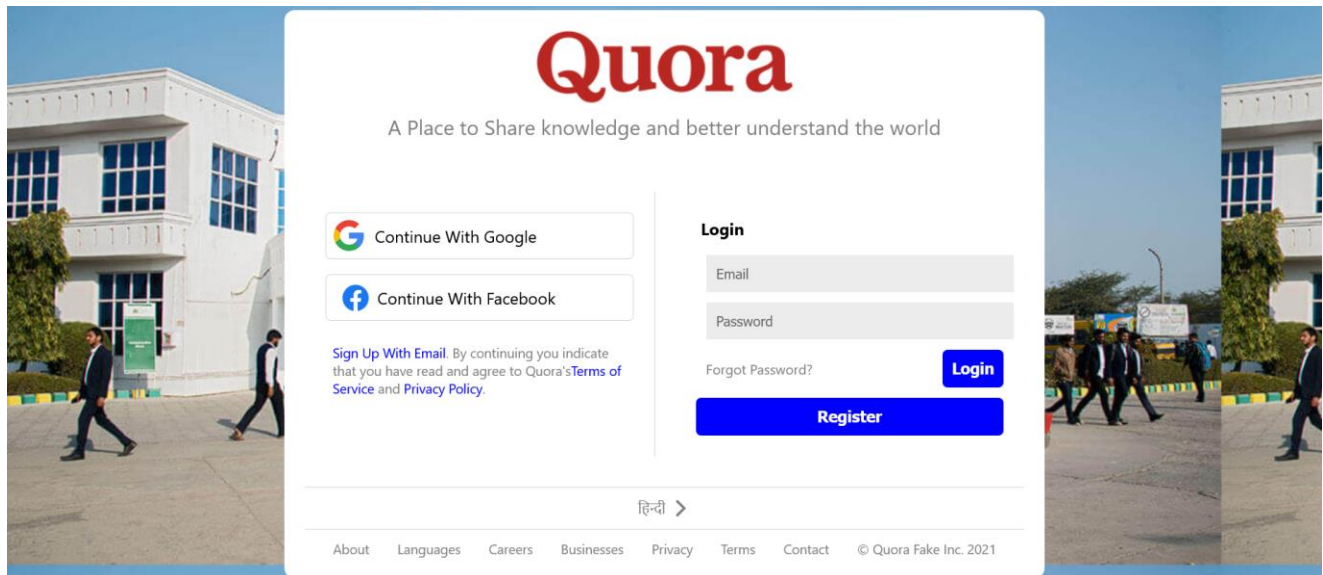


Figure-1: Register Page

- **Dashboard Fragment**

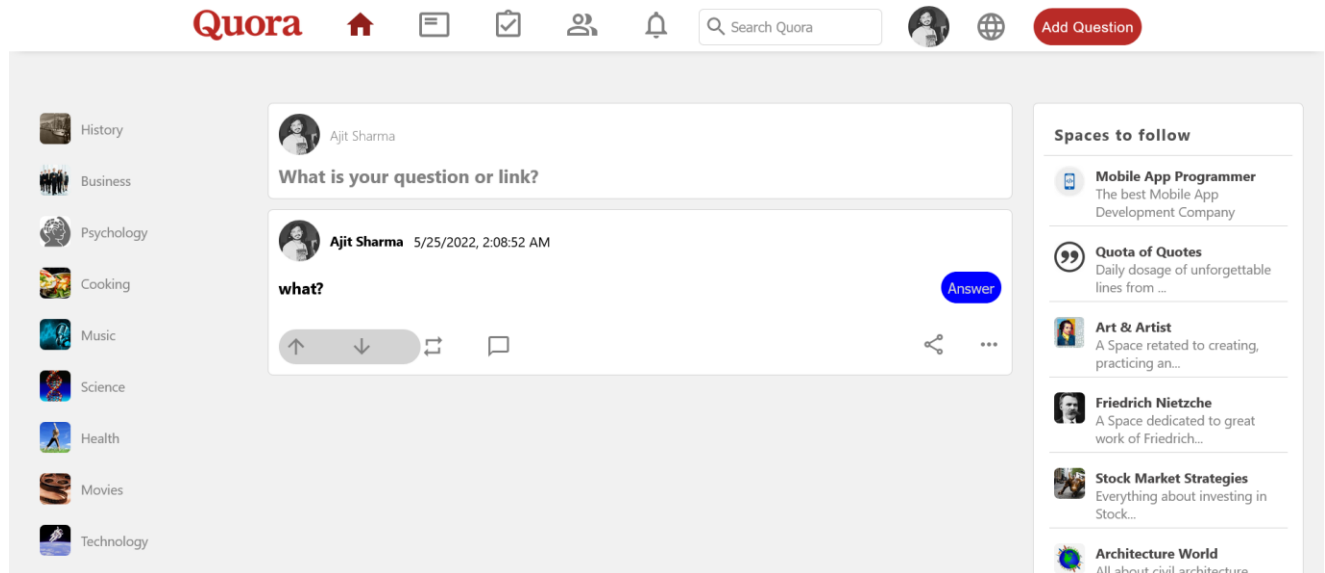


Figure-2: Dashboard Fragment

- Question page

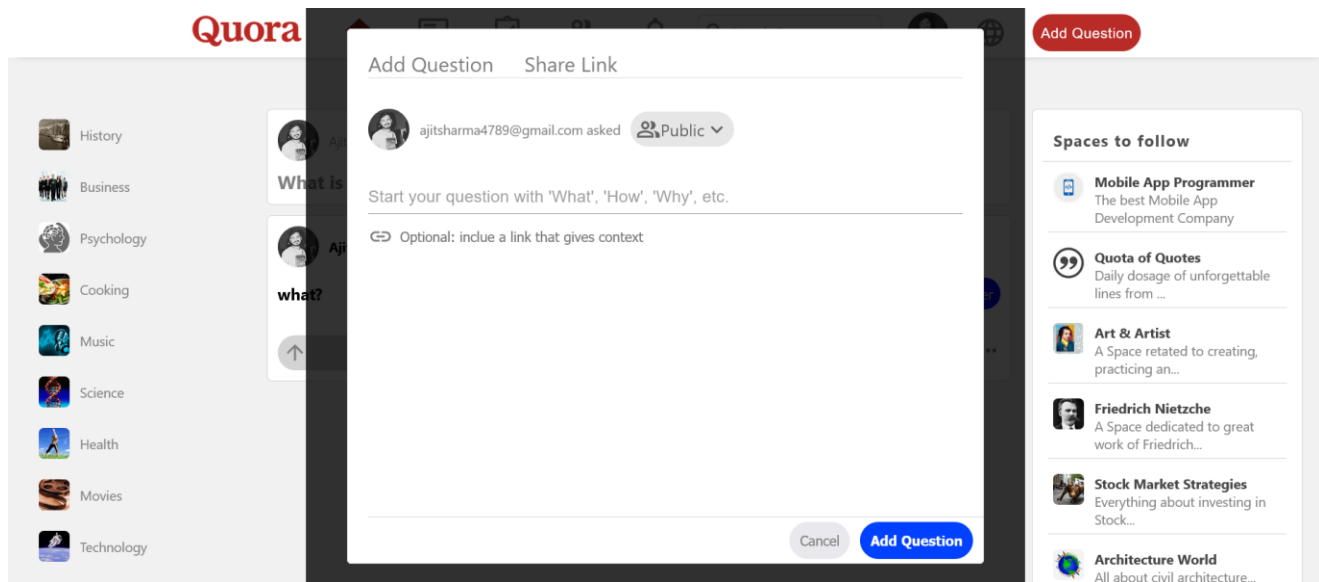


Figure-3: Query page

- **Answer Page**

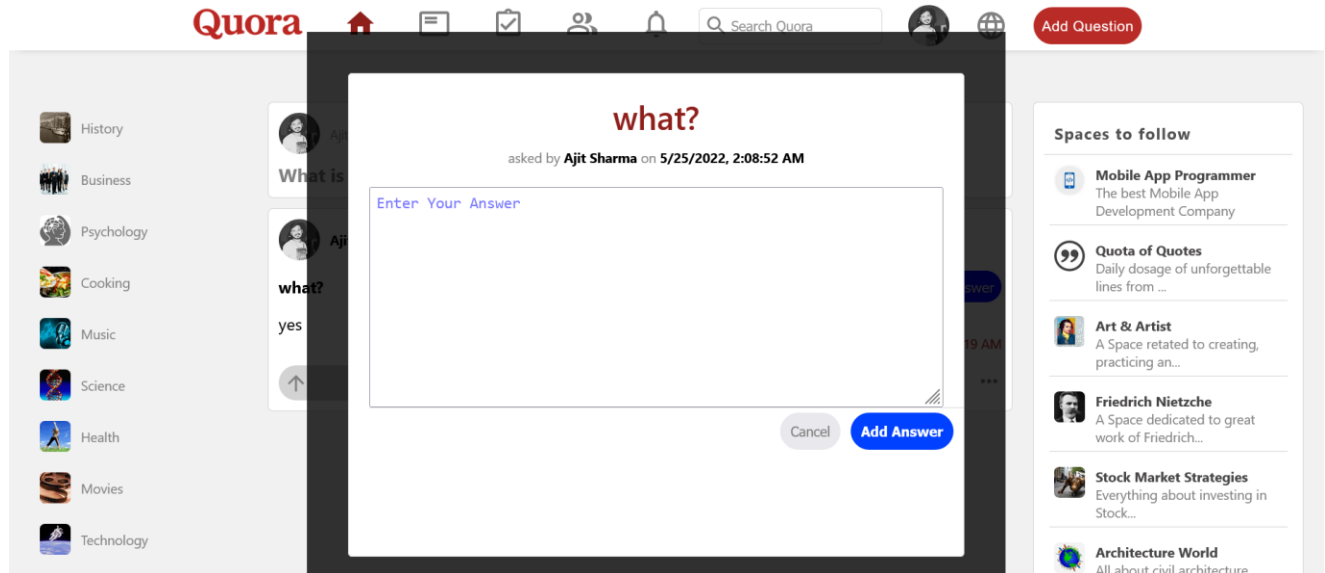


Figure-4: Answer page

CHAPTER - 6

TESTING

Once source code has been generated, software must be tested to uncover as many errors as possible before delivery. It is very important to work the system successfully and achieve high quality of software. Testing include designing a series of test cases that have a high likelihood of finding errors by applying software-testing techniques.

System testing makes logical assumptions that if all the parts of the system are correct, the goal will be successfully achieved. The system should be checked logically. Validations and cross checks should be there. Avoid duplications of record that cause redundancy of data.

In other Words, Testing is the process of evaluating a system or its component(s) with the intent to find whether it satisfies the specified requirements or not. It is executing a system in order to identify any gaps, errors, or missing requirements in contrary to the actual requirements.

The React framework includes an integrated testing framework that helps you test all aspects of your application and the tools include tools for setting up and running test applications. Whether you are working in VS Code with ADT or working from the command line, the tools help you set up and run your tests within an emulator or the device you are targeting.

There are different types of testing some of them are listed below:

6.1 Installation Testing:

There are two types of apps on an device i.e., Pre-installed applications and the applications which are installed later by the user.

For both of the above, installation testing is carried out by our teammates. It is ensuring smooth installation of the application without ending up in errors, partial installation etc.

6.2 Unit Testing

It focuses on smallest unit of software design. In this we test an individual unit or groups of inter related units. It is often done by programmer by using sample input and observing its corresponding outputs. In this testing technique we are primarily focuses on

- Loop methods and function is working fine or not. □ Misunderstood or incorrect Arithmetic precedence
- Incorrect Initialization

Unit Testing of the app:

Test cases	Description	Expected Outcome	Result
1	Start Page – Launch Screen	Should display splash screen with text	Pass
2	Register Screen	Should display register activity where you need to fill the required details	Pass

3	Login Screen	Should display login screen And ask for your credentials.	Pass
4	Forget Password	Should Receive mail to reset the password	Pass

5	FAQ	Should display the Frequently asked question	Pass
6	View Favorites	Should display the Favourite activity	Pass
7	Profile	Should display the information that you have entered	Pass

8	View Books	View Home Page	Pass
9	Search bar	Should give the details of the books that you have searched	Pass
10	View Book Description page	Should show the information of the displayed book	Pass
11	Add to favourites	Should add the selected book into the favourites	Pass

12	Clear Favourites	Should remove the selected book from the favourites	Pass
13	Preview	Should display the preview of the book	Pass
14	Logout	Sign out you from the app	Pass

Table 1: Unit Testing of Quora of College

6.3 User Testing

User testing is the process through which the interface and functions of a website, app, product, or service are tested by real users who perform specific tasks in realistic conditions. The purpose of this process is to evaluate the usability of that website or app and to decide whether the product is ready to be launched for real users.

This app was tested by our team mates and friends who are using different mobile phones (and having different android version) also tested on different emulator to check its performance and it seems to be working fine and users of this app are satisfied with the facilities and performance of the app and like the way how the app is worked.

6.4 Performance Testing

In this type of testing we have checked the performances of our application under some peculiar conditions are checked. Those conditions include:

- Low memory in the device.
- The battery in extremely at a low level.
- Poor/Bad network reception.

Performance is basically tested from 2 ends, application end, and the application server end. Our app is also performing well in this phase of testing as well. And we are getting positive feedback from user of our app.

6.5 Compability Testing

This application was tested and used on different devices like LG G3, Google Nexus 4. The application worked fine and is stable. The application worked fine in portrait mode and there isn't any problem with compatibility.

On all types of testing (that we have performed above) our performing well on our app i.e. Quora OF college.

CHAPTER -7

CONCLUSION

Proposed Quora of college App is an android application that will allow users to search for books by title, author name or subject name. This application takes in a user input and searches the with the user input and gets a list of published books based on the users search query. Search result screen will contain a list of book with following details: Author of the Book, title, average. To get the information of the particular book user can click upon the book from the list and then will be taken to the new tab where description and other information related to the book will be available. Users can also add the book to the favourites.

This application has wide range of scope in the upcoming era. It is impossible to arrange the hard copies of every book so this type of application can reduce the barrier to get knowledge at any place in a cost effective, productive way. For students who are interested in learning online can use this application and keep all the books they want to learn from at one place (in favourites section) and can create their own personal E-library. Even individual book stores can have this system of book apps promoting their brand name as Digital Marketing and can gain number of customers.

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