



MOBILE APPLICATION AND DEVELOPMENT PROJECT DOCUMENTATION

PROJECT NAME:

BABY MART

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BABY MART (Mobile Application)

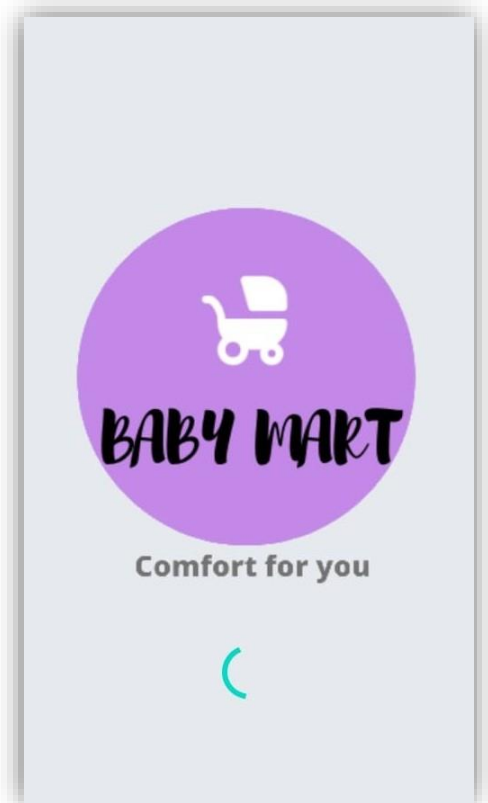
Introduction:

BABY MART (mobile application) is the online market for the babies all type of accessories. The purpose of making this application is to provide an online platform to the customers from where they can buy any sort of products related to the babies. This application facilitate the customers that there is no need to go outside and buy the products of babies from many shops, buy online all the products from this single online store. Customers can add to cart more than one products. This application has a product wallet automatically they will get price of every single product and total price of all the products which are present in their cart. Now simply click on purchase it button. This application also has an admin panel to add or discard the products which are actually important for the product management. Our products are for new born babies to the babies of 5 years. Baby Mart provide quick delivery service to the customers. We also provide free home delivery services to the customer when he/she buy a product up to 2500 Rs. Baby Mart is not expensive online market, all the products are of suitable price.

Let's visit this application:

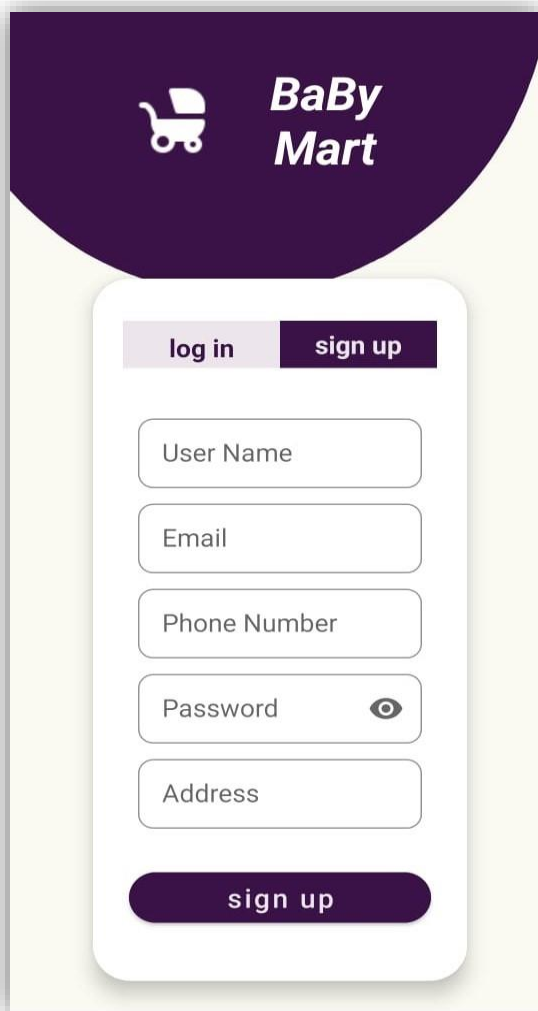
When you will open baby mart application you will get **splash screen** which will disappear in 3 seconds.

There is a logo of baby mart on splash screen .Baby mart is really a comfort for all the customers.



Welcome:

After this you will get welcome page. In this welcome page there will be two options, Sign up and login option whenever you will click the sign up option you will get the sign up page and when you will click the login option you will get login in page .First you will have to sign up and then you can login



The image shows a mobile app interface for 'BaBy Mart'. At the top, there is a purple header with a white baby stroller icon and the text 'BaBy Mart'. Below the header, there is a white card with a purple border. Inside the card, there are two buttons: 'log in' and 'sign up'. The 'sign up' button is highlighted in purple. Below the buttons, there are five input fields: 'User Name', 'Email', 'Phone Number', 'Password' (with an eye icon for toggling visibility), and 'Address'. At the bottom of the card, there is a purple button with the text 'sign up'.



Sign up:

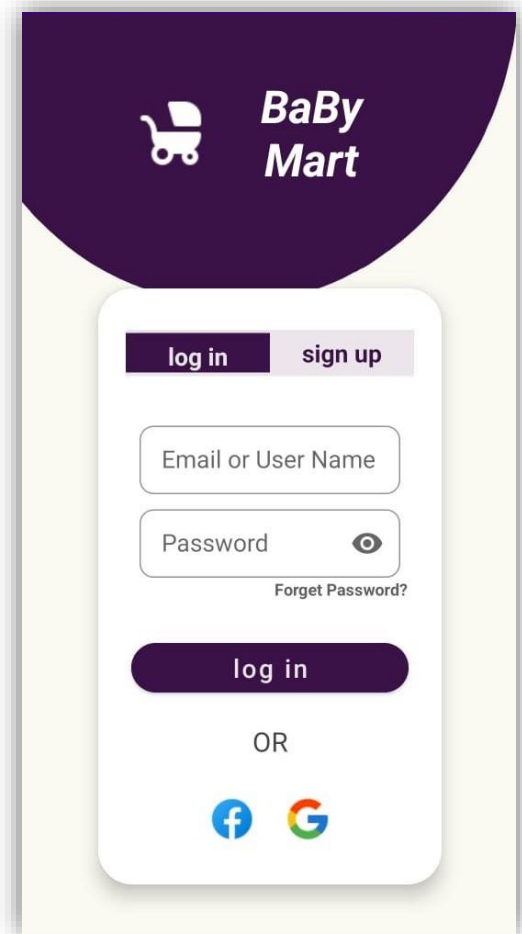
There are some fields in sign up page which is compulsory to be filled . If user does not fill one ore moe than one filed then he/she cannot sign up ,The message “Please fill all the fields” will be appear.So its necessary to fill all the fields to be signed up. Customers can easily see their hidden passwords which they will use by clicking on this eye icon. After Sign up customer data will automatically store in **real time firebase**.

Log in:

After sign up customer can log in with the same id. There are two fields in the log in page which is compulsory to be filled. When users will fill all the fields and press login button they will get a confirmation message which is “**Login Successfully**”. Data will be automatically store in **authentication (Firebase Firestore)**

Sessions:

We have used **Sessions** in our application. If a user already have signed up and login but due to some reason user have to close the application .Whenever user will reopen the application he\she does not need to signed up or login again. User will get the same page from where he\she was left over.



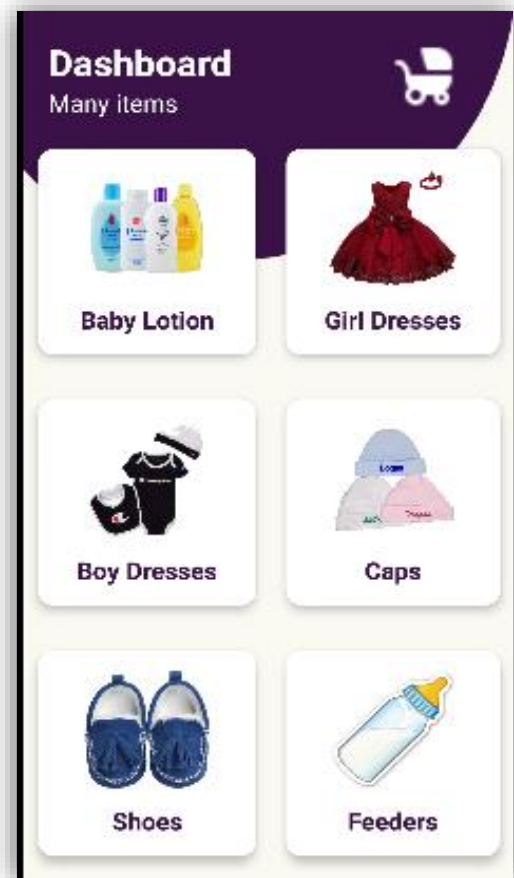
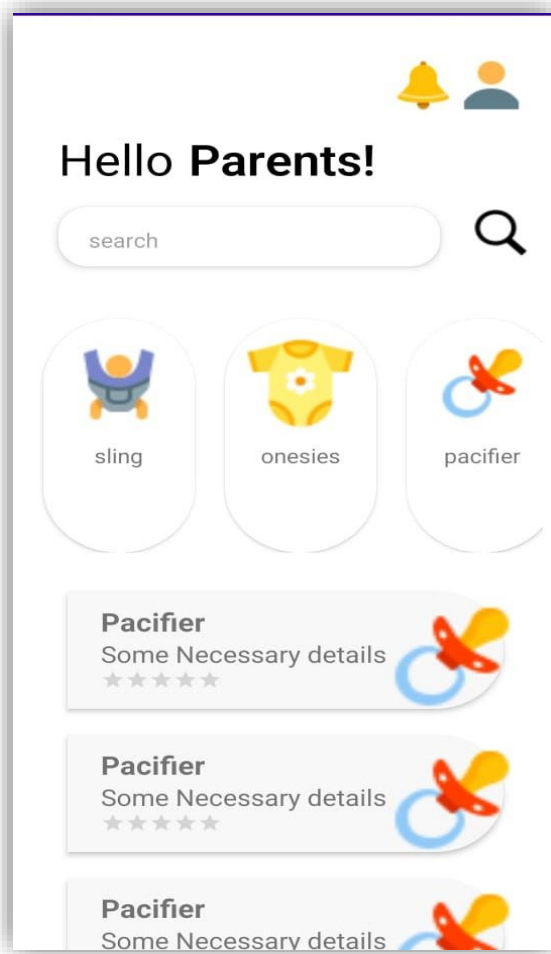
User Dashboard:

After sign up and login dashboard will be open. There are varieties of baby product on dashboard. Products are categorized there with suitable sequence. Users can easily choose the category where they wants to go. Products are categorized as Girl Dresses, Boy dresses, Feeders, Toys, Diapers, Baby Caps, Shoes of babies. Baby accessories such as Baby Lotions, Baby Shampoos, Baby Health Oil, Baby Powders, Baby body wash, Baby ointment etc. Baby mart provide all the things branded. All the products have grantee. In case of any fault in any product, we also have return back opportunity for the customers.

Baby Mart provides all suitable opportunities to the customers.

- Home Screen(Dashboard)
- Categories of products

When customer will click any category. List of the related Products will open with their prices

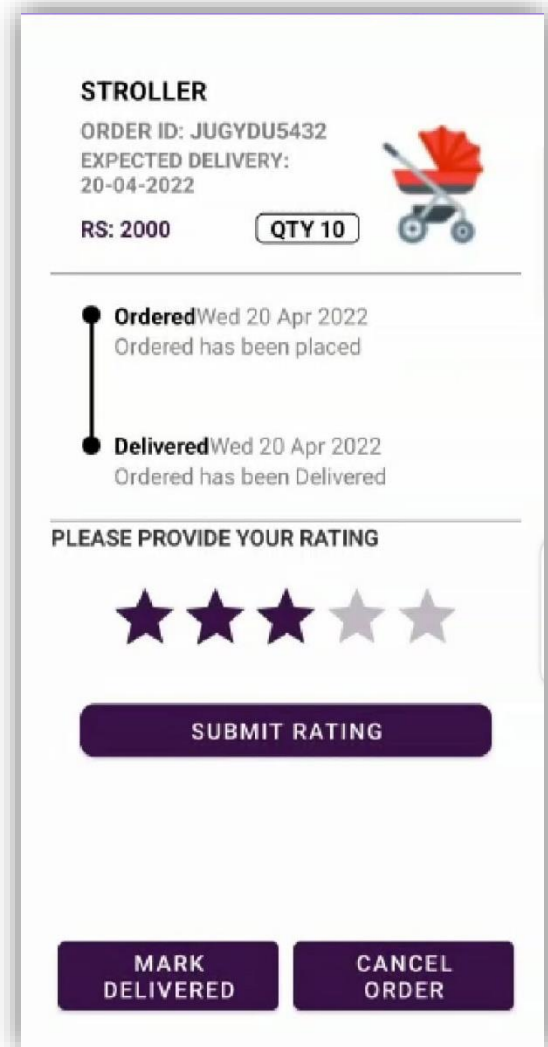
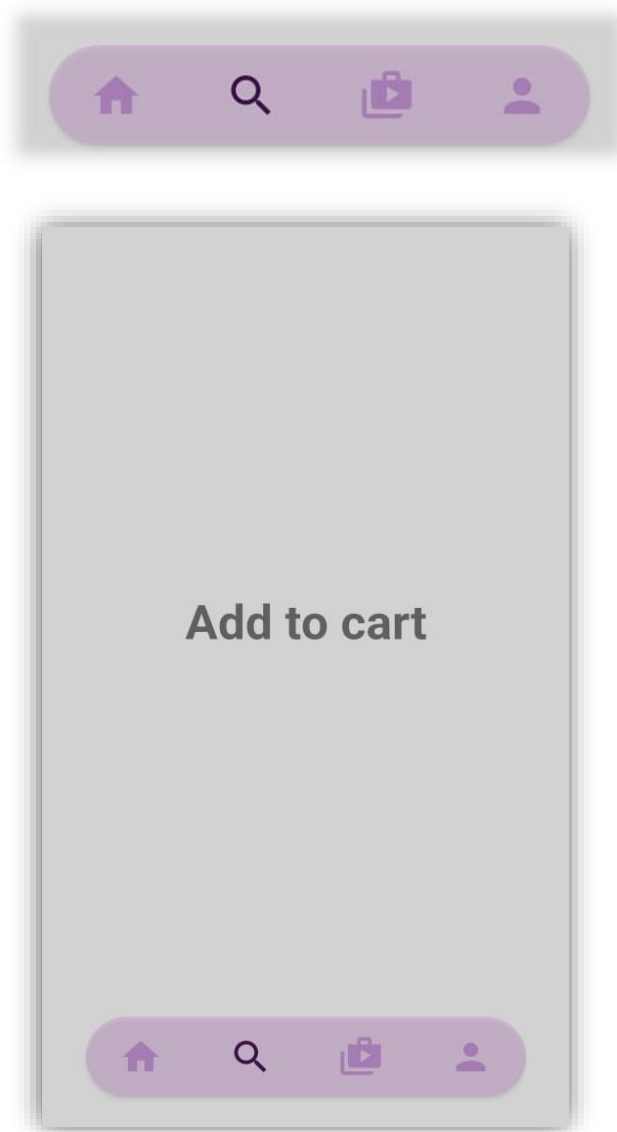


and rating of the product. Customer can also search the products. In the start all the products will show but as the customer search any product by using **search bar**, it will filter the products and will show the only related products which he/she searching for.

In first line products will show and exactly under the products their **comments** will be show.

When a customer click any product it will open the tracking of the product. Here you will decide you want to track it or not. Here customer will **submit the rating** of the product.

Here will be the Mark “**Delivered button**” If customer click this button than their order will deliver soon .If he/she wants to buy more than one product then their products will add to cart. There is also a “**Cancel Order**” button from where users can cancel their orders. If customer do cancel any product then he/she will automatically move towards the home screen.



Add to cart and wallet:

When customer will click cart icon, cart will be open. Customers can add to cart more than one products. This application has a product wallet automatically they will get price of every single product and

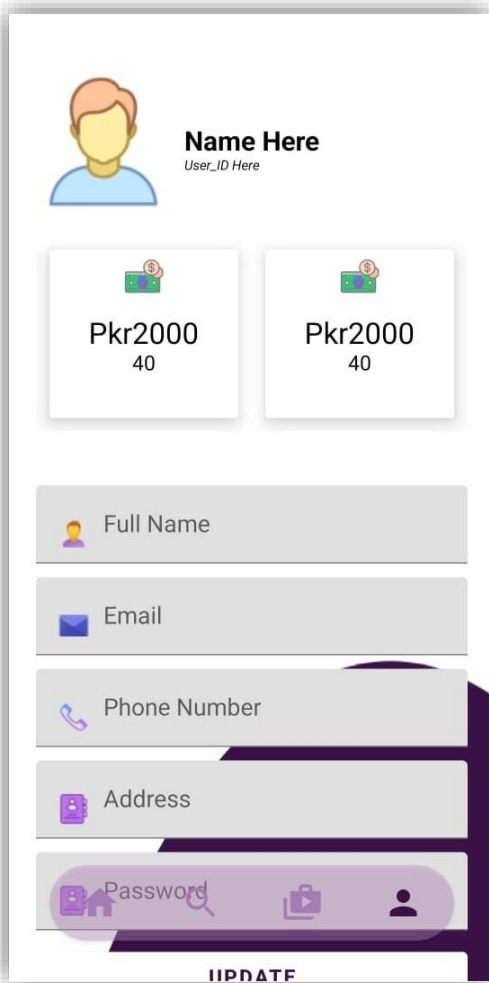
total price of all the products which are present in their cart. Now simply click on purchase it button.

Shop:

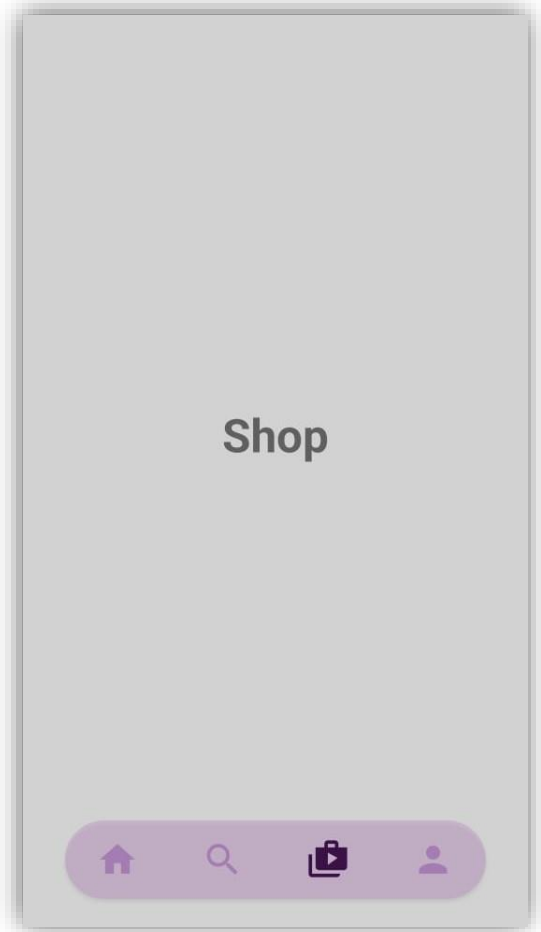
When customer will click on shop icon, shop will be open. In this section all the products will be available.

Profile:

When you will press profile icon profile will be open. Automatically it will set data which was being stored in the **real time firebase**, when you was signed up



A user profile form with a white background and a purple shadow. At the top, there is a placeholder for a profile picture (a yellow circle with a blue outline) and the text "Name Here" with "User_ID Here" below it. Below this are two identical boxes, each containing a currency icon (Pkr2000) and the number "40". The form has several input fields: "Full Name", "Email", "Phone Number", and "Address". At the bottom, there is a "Password" field with a search icon and a person icon. A purple "UPDATE" button is at the very bottom.



- Customer can also insert their profile picture which will be store in **storage segment** in firebase firestore.

- Users can also update their data.
- As in the upper portion we have told you that this application consist of sessions so if you want to come out/leave the application so it's compulsory to log out from the application by clicking Log out button.

Backend of the application:

We have used online database ([Firebase](#)) to store data.
We have used

- Firebase Authentication
- Real time database
- Firebase Storage

Firebase Authentication:

There are some examples in which we have store the data in authentication.

The image shows a user profile form. At the top, there is a placeholder for a user profile picture and the text "Name Here" with "User_ID Here" below it. Below this, there are two identical boxes, each containing a green coin icon, the text "Pkr2000", and the number "40". Underneath these are five input fields with icons: "Full Name" (person icon), "Email" (envelope icon), "Phone Number" (phone icon), "Address" (location pin icon), and "Password" (key icon). At the bottom, there are two buttons: "UPDATE" (purple) and "LOGOUT" (red).

BabyMart Go to docs

Authentication

[Users](#) [Sign-in method](#) [Templates](#) [Usage](#)

Search by email address, phone number, or user UID Add user ↺ ⋮

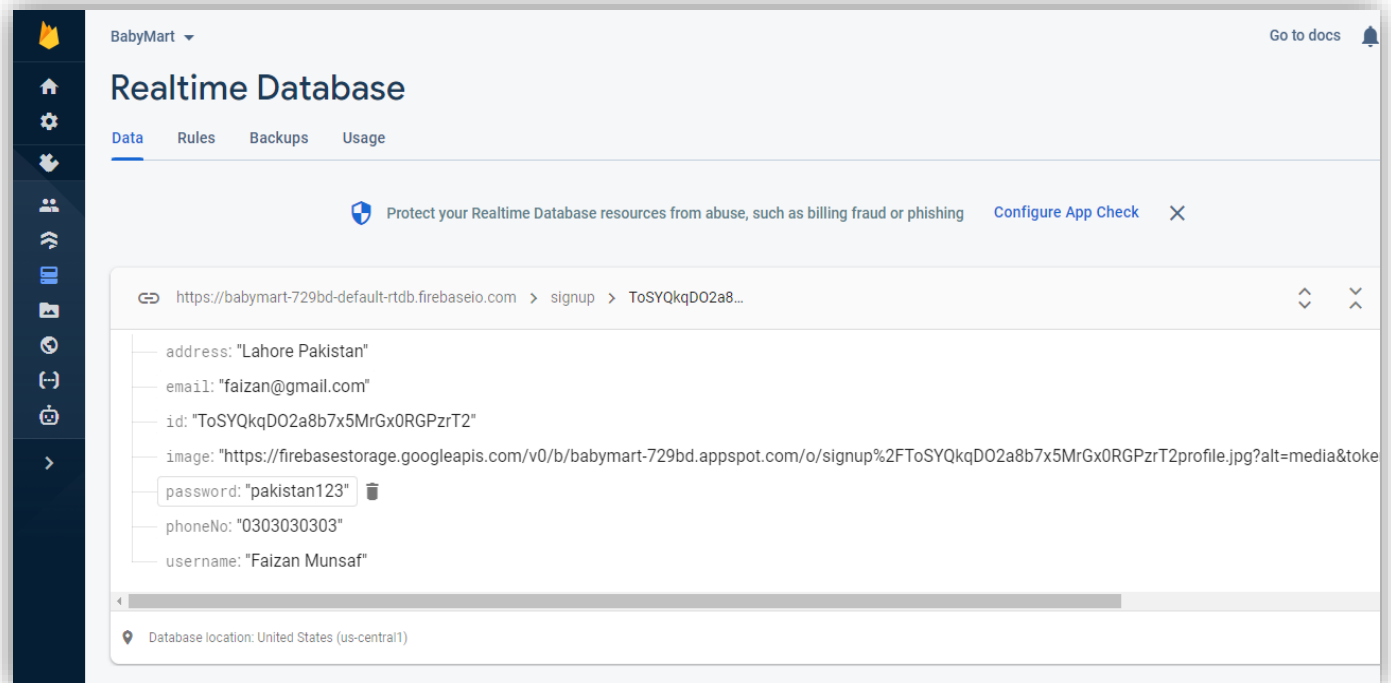
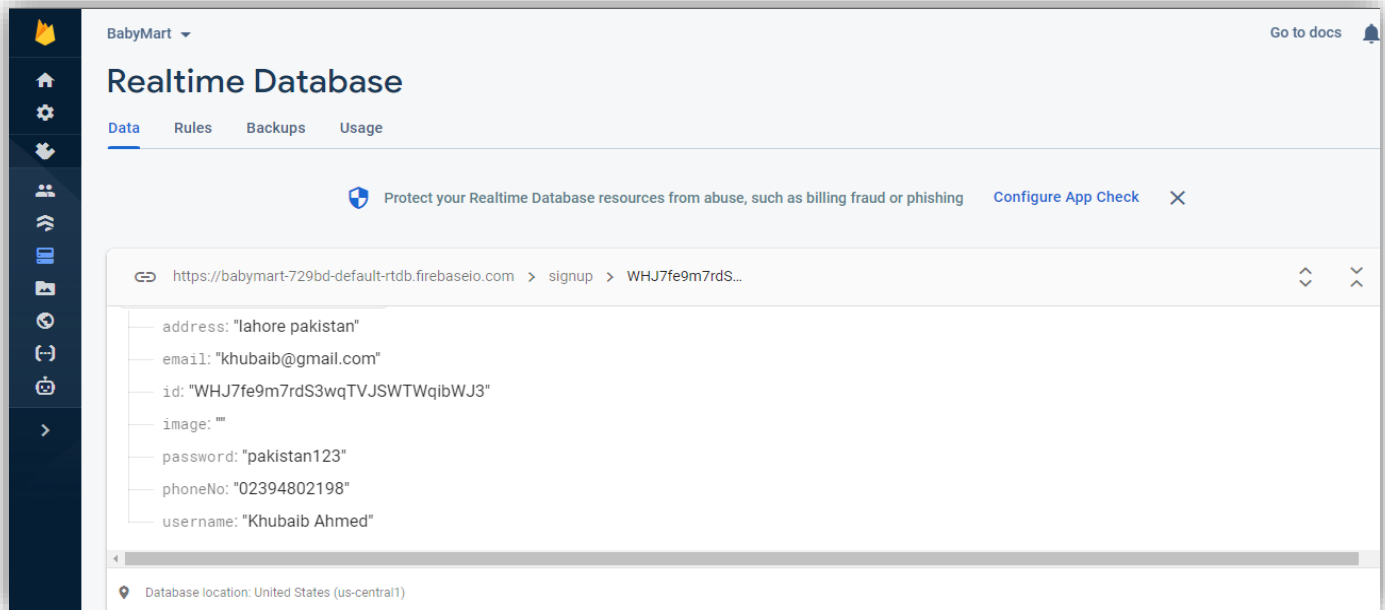
Identifier	Providers	Created ↓	Signed In	User UID
farhan@gmail.com	✉	Apr 17, 2022	Apr 17, 2022	rRwphm5DAWNQ7pYUNF4mPZ1K...
khubaib@gmail.com	✉	Apr 16, 2022	Apr 17, 2022	WHJ7fe9m7rdS3wqTVJSWTWqib...
ghania@gmail.com	✉	Apr 16, 2022	Apr 22, 2022	RbaW7KdQJaUJOCHyJD1BQx5n4...
faizan@gmail.com	✉	Apr 16, 2022	Apr 19, 2022	ToSYQkqD02a8b7x5MrGx0RGPzr...

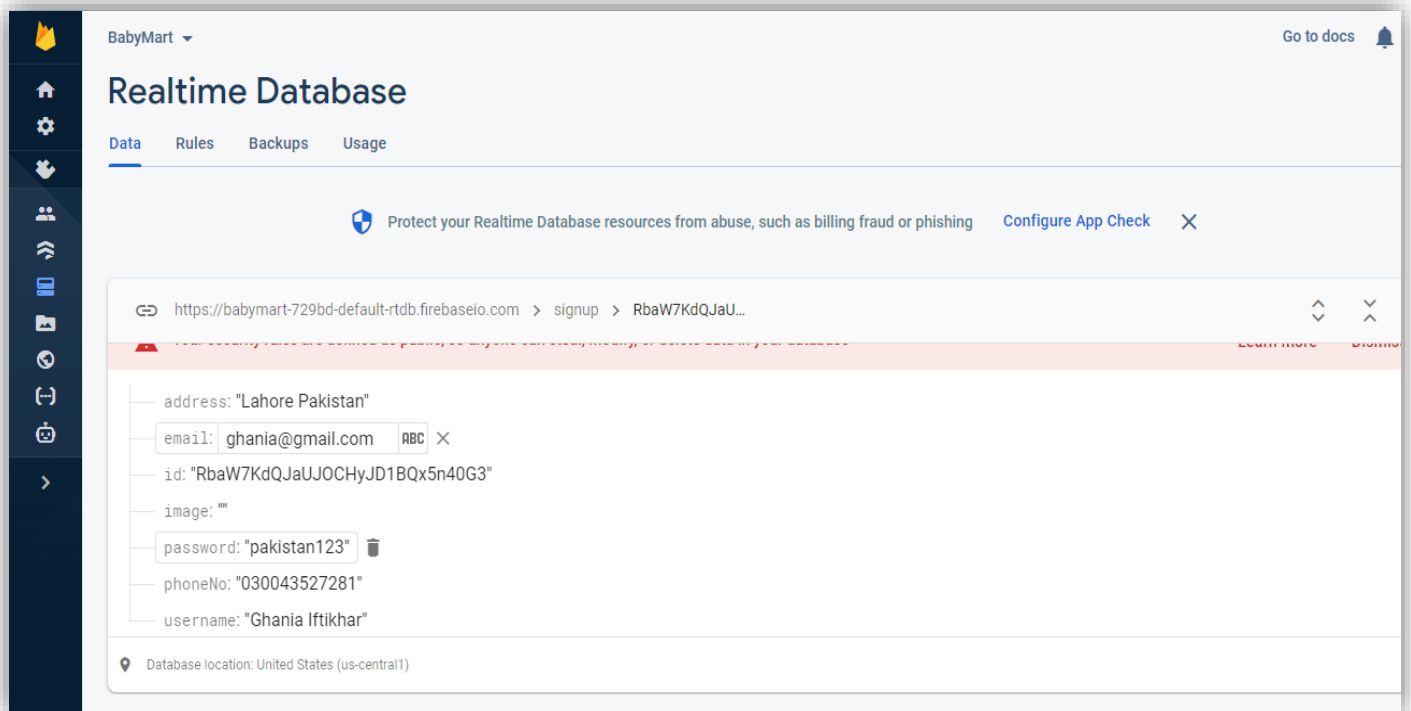
Rows per page: 50 1 - 4 of 4

Real time database:

Customers when signed up their data have been saved in real time database

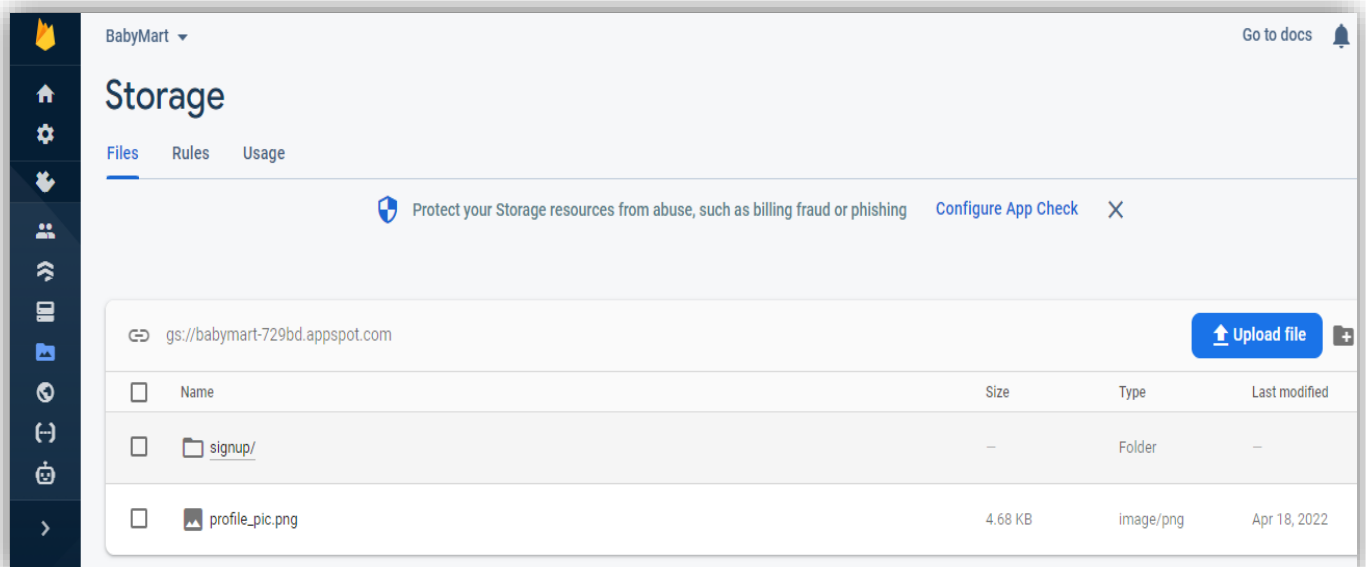
- Here are few examples in which we have stored data in real time database.





Firestore Storage:

All the images are store in the firebase storage.



- These are few examples:

The screenshot shows the Google Drive interface for a user named BabyMart. The address bar shows the path `gs://babymart-729bd.appspot.com > signup`. A table lists files in the 'signup' folder. The file `1650318067211.jpg` is selected, and its details are shown on the right. The details include the file name, size (28,298 bytes), type (image/jpeg), and creation/update timestamps (Apr 19, 2022, 2:41:08 AM).

Name	Size	Type	Last modified
signup/	—	Folder	—
1650318067211.jpg	27.63 KB	image/jpeg	Apr 19, 2022
1650318169826.jpg	222.84 KB	image/jpeg	Apr 19, 2022
1650319238277.jpg	522.29 KB	image/jpeg	Apr 19, 2022
1650319375920.jpg	25.32 KB	image/jpeg	Apr 19, 2022
ToSYQkqD02a8b7x5MrGx0RGPzrT2profile.jpg	472.45 KB	image/webp	Apr 19, 2022

1650318067211.jpg

Name
[1650318067211.jpg](#)

Size
28,298 bytes

Type
image/jpeg

Created
Apr 19, 2022, 2:41:08 AM

Updated
Apr 19, 2022, 2:41:08 AM

- Profile Picture

The screenshot shows the Google Drive interface for a user named BabyMart. The address bar shows the path `gs://babymart-729bd.appspot.com`. A table lists files in the 'signup' folder. The file `profile_pic.png` is selected, and its details are shown on the right. The details include the file name, size (4,790 bytes), type (image/png), and creation/update timestamps (Apr 18, 2022, 9:57:04 AM).

Name	Size	Type	Last modified
signup/	—	Folder	—
profile_pic.png	4.68 KB	image/png	Apr 18, 2022

profile_pic.png

Name
[profile_pic.png](#)

Size
4,790 bytes

Type
image/png

Created
Apr 18, 2022, 9:57:04 AM

Updated
Apr 18, 2022, 9:57:04 AM

File location

Other metadata

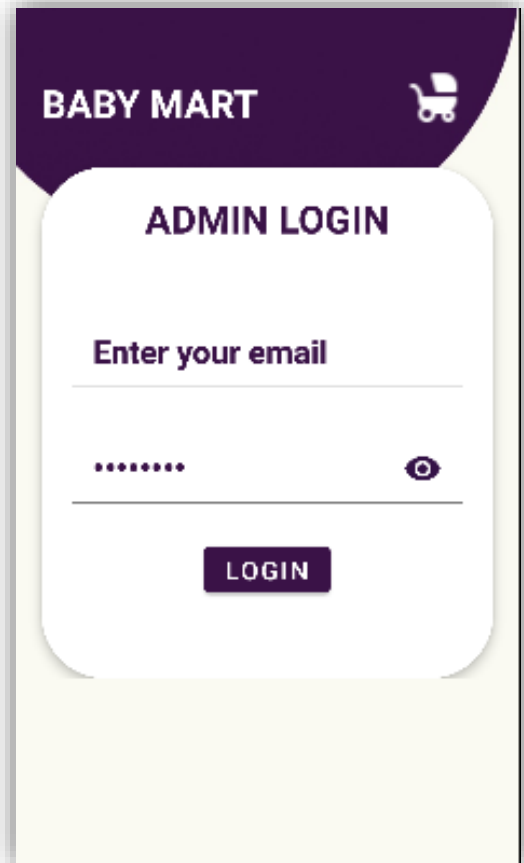
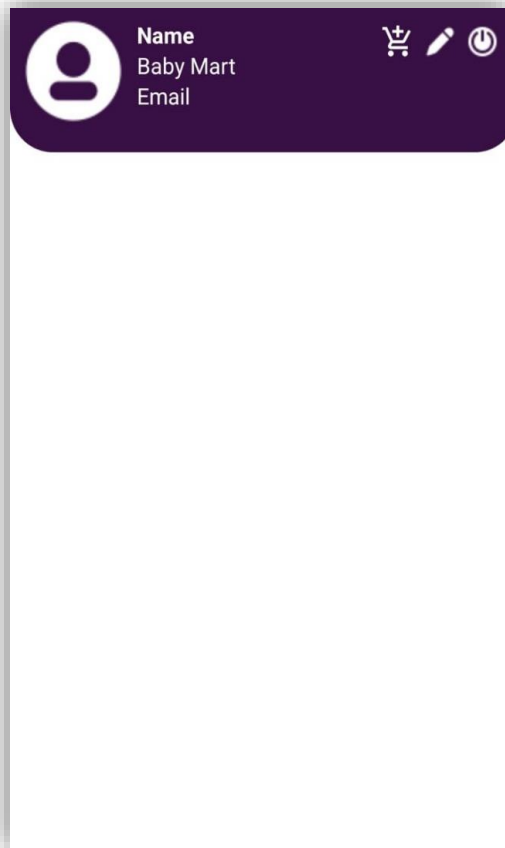
Admin Panel:

Login Page:

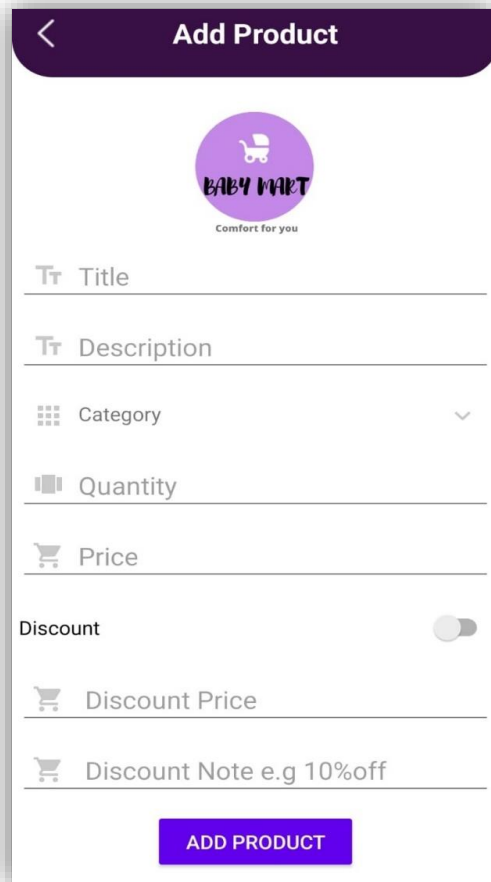
This login page is just for admins. Only admin can login here. No one except admins can login. Admins will insert the credentials here and Login. As admins have their data already stored in the **firebase authentication**.

After login, next page will be open. By clicking on the Add product icon admins can easily **add the product**

As we have already mentioned that this



application consists of **session** so if admin wants to leave the site it is compulsory to **log out** from the application. There is a power button on this Page, by clicking on this icon admins can easily log out.



The screenshot shows a mobile application interface for adding a product. At the top, there is a purple header with a back arrow and the text 'Add Product'. Below the header is a circular logo for 'BABY MART' with the tagline 'Comfort for you'. The form consists of several input fields: 'Title', 'Description', 'Category' (with a dropdown arrow), 'Quantity', 'Price', 'Discount' (with a toggle switch), 'Discount Price', and 'Discount Note e.g 10%off'. At the bottom of the form is a purple button labeled 'ADD PRODUCT'.

Add Product:

In this page admin can add the products. At the very top of this page admins upload the picture of the product. They mention the name of the product here its description, Quantity, Price, Discount on the product etc. and click on the add product button.

Conclusion:

- This application is basically ease for the customer to buy all sort of baby products online. We provide quick delivery services with suitable delivery charges. We also give discount to the customers. We also take reviews of the customers on the products and try to fulfill all the requirements of the customers.