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MyMarketPlace

A Flutter cross-origin
application

I. Introducing MyMarketPlace

MyMarketPlace is a cross-platform marketplace available on Android, iOS, and web. With MyMarketPlace, it is easy to build a nice and ergonomic marketplace, where users can sell and buy products online. The main page of the application allows anyone to see available products through a grid of advertisements scrollable and filterable. Users will be allowed to filter by category of product, popularity, price, and newest/oldest ads.

Another option we provide is for user to mark as favorite the products there are interested in, so that they can find it later and it also increase this product's popularity. For being able to favorite products, the user must be logged in, but viewing ads and filtering can be done without an account.

If a user wants to sell its own product, he can create an ad with a simple form containing a picture to show the product, title, description of the goods, price, and category. He will also be able to edit his ad later own, as well as deleting it. A buyer can add products to its cart, as well as removing some or validating the cart and proceed the payment. He will be notified if the purchase was validated or not.

Our application provides a super admin account which can delete ads or edits them in case the product or the ad is not respecting the company's rules.

The application is written in Flutter, which permits the app to be cross-platform without having to rewrite the code for every platform. MyMarketPlace uses simple but ergonomic tools, making to app light but very easy to use for everyone. If your company needs to create rapidly a marketplace, MyMarketPlace is the best option that will fulfill any of your needs. Our developing team is experienced and always willing to improve their work by updating and adding new functionality to the application, and our client service will listen to your requests carefully to make sure you are always satisfied with our product.

II. User stories

There is different type of users in the following user stories:

- “Any user” represent any type of user (seller, buyer, admin), it can be a user logged in or not
- “A buyer” is a user that comes to look and eventually buy a product, logged in to its account
- “A seller” is a user that offers products for sale, logged in to its account
- “A super admin” is an account with more rights that is managed by the company owning the application. It can take the role of a seller or a buyer and access every functionality from any account

1. Account management

Log in	
As:	Any user
I want to:	Log in to the app
So that:	I can have access to more option like making purchases or creating/editing ads, saving ads as favorite

Log out	
As:	Any user
I want to:	Log out from the app
So that:	My account is not connected anymore

Register	
As:	Any unregistered user
I want to:	Register to the app
So that:	I can create an account and have access to more option like making purchases, creating/editing ads, saving ads as favorite

Manage my profile	
As:	Any user
I want to:	Access to my profile
So that:	I can modify my personal information (name, photo)

2. Common functionalities

View the list of advertisements	
As:	Any user
I want to:	View every advertisement on the application
So that:	I can be aware of all the ads available, scroll and choose one

Click on a specific advertisement	
As:	Any user
I want to:	Select an ad
So that:	I can see all the information of the product, view more images...

Filter the list of advertisement	
As:	Any user
I want to:	Filter the advertisements
So that:	I can filter by category, price, newest or more popular ads

3. Seller functionalities

Create a new advertisement	
As:	A seller
I want to:	Create a new ad
So that:	I can sell a product

Edit an advertisement	
As:	A seller, a super admin
I want to:	Edit my advertisement
So that:	I can change the title, description, price, or category of my product

Delete an advertisement	
As:	A seller, a super admin
I want to:	Delete my advertisement
So that:	I can remove it from the application, and it will not be available anymore

4. Buyer functionalities

Save ads as favorite

As:	A buyer
I want to:	Mark as favorite an ad
So that:	I can view all my favorite ads for later

View all favorite ads

As:	A buyer
I want to:	View all the ads I marked as favorite
So that:	I can have a list of all the products I had an interest on

Remove ad from favorite

As:	A buyer
I want to:	Remove an ad I marked as favorite
So that:	It does not appear anymore in my favorite list

Add to cart

As:	A buyer
I want to:	Add a product to my cart
So that:	All the products I want to buy will be at the same place

View my cart

As:	A buyer
I want to:	View my cart
So that:	I can view all the products I added to my cart

Remove products from my cart

As:	A buyer
I want to:	Remove products from my cart
So that:	I can only have the product I really want left into my cart

Order

As:	A buyer
I want to:	Make a purchase
So that:	I can pay and order the items I selected