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Date: 30th April 2023

Project Summary

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Project Name

SnapPay

Project Description

The SnapPay is a Ruby on Rails capstone project which is about building a mobile web application where you can manage your budget.

Project Technologies

Ruby, Rails, Bootstrap 5, SCSS

Project Duration

Three Days

Total pages

Four pages: Categories, Payments each has index and new page

Project Resources

The design is based on the **Snapscan - iOs design and branding** design idea by **Gregoire Vella** on Behance.

Project Needs

3



General

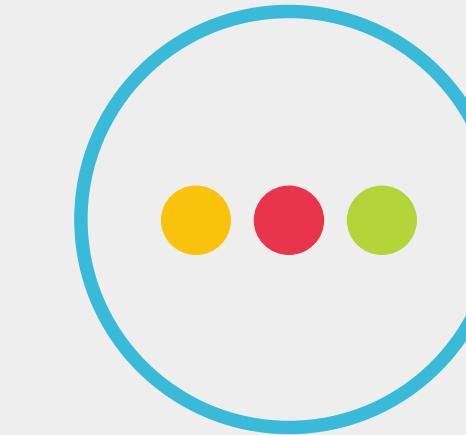
I have complete all pages as in the design. Categories page show all the categories with icons, Payments page show specific category all payments. Both category and payment has new page which allow user to create a new category or payment.



Fonts

I use **Proxima Nova** font family as per design. Under personal use license, I collected them from **OnlineWebFonts**.

The sizes of the fonts for different elements are taken as similar as the design.



Colours

I use the colors provided by the designer as he mentioned in his design.



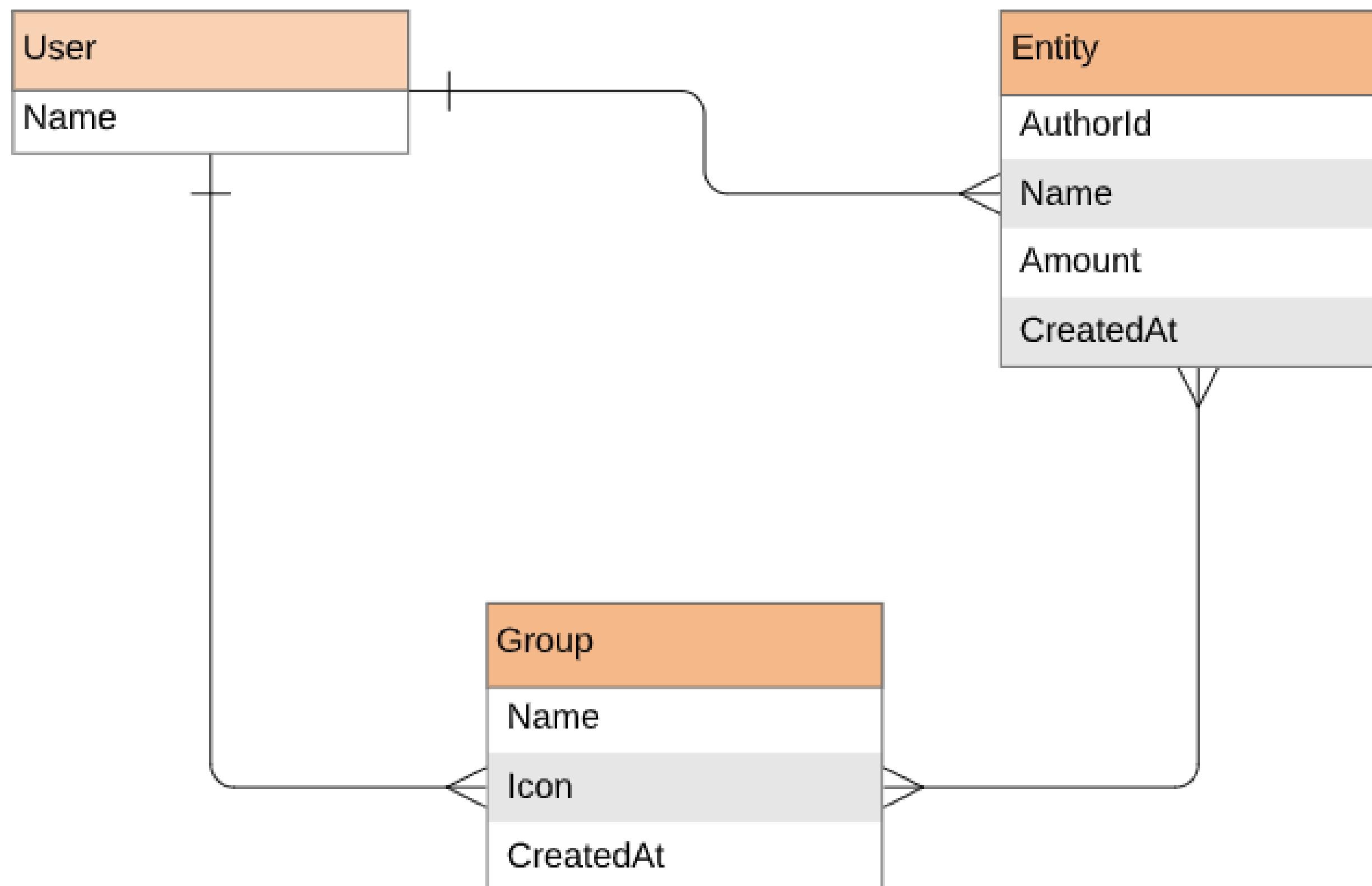
Usability

The design was about a mobile app. So the work is focus only on mobile view. I tried in different views and it's look good.

ER Diagram

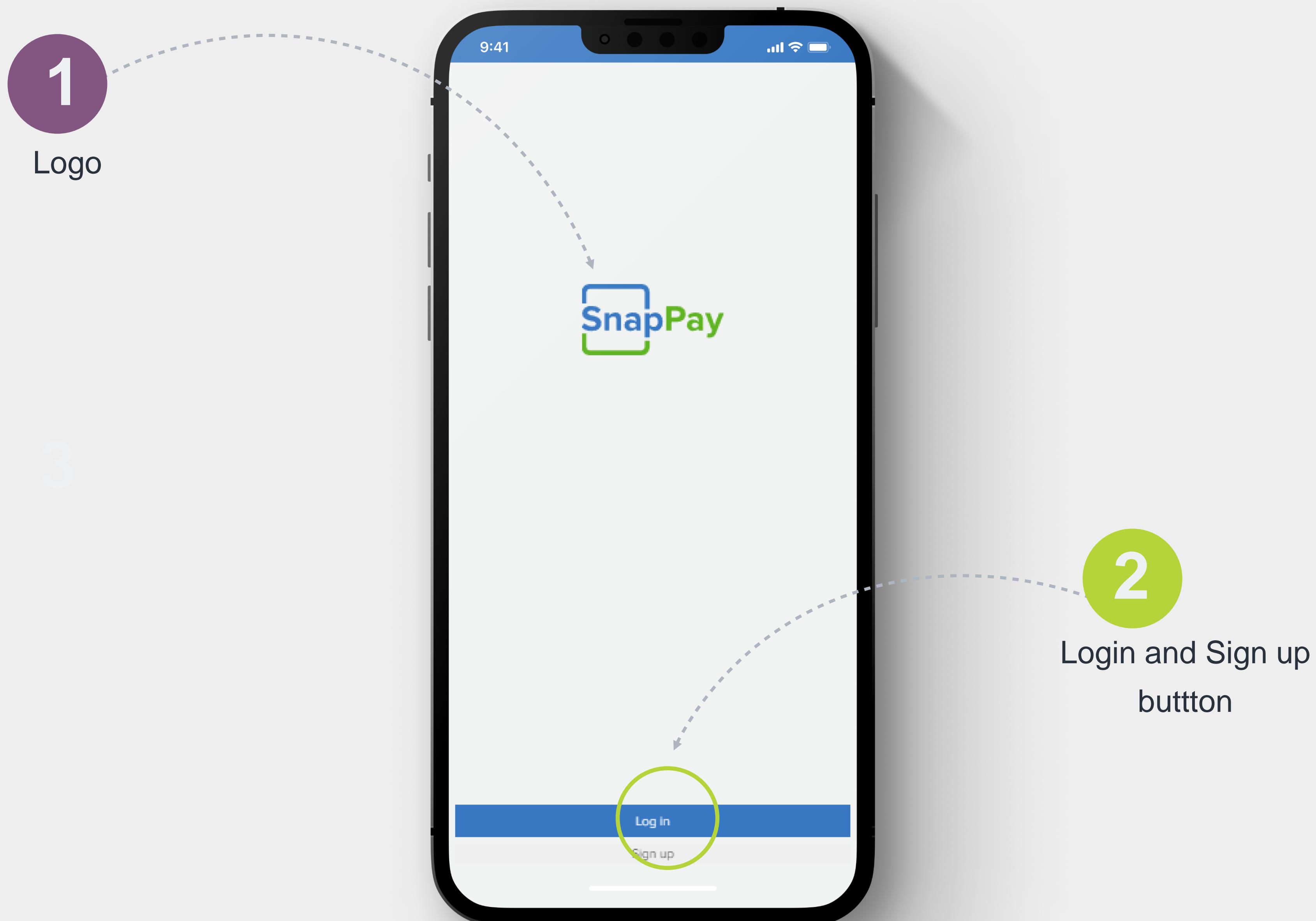
4

Entity Relationship Diagram



Splash Screen:

5



Sign up Screen:

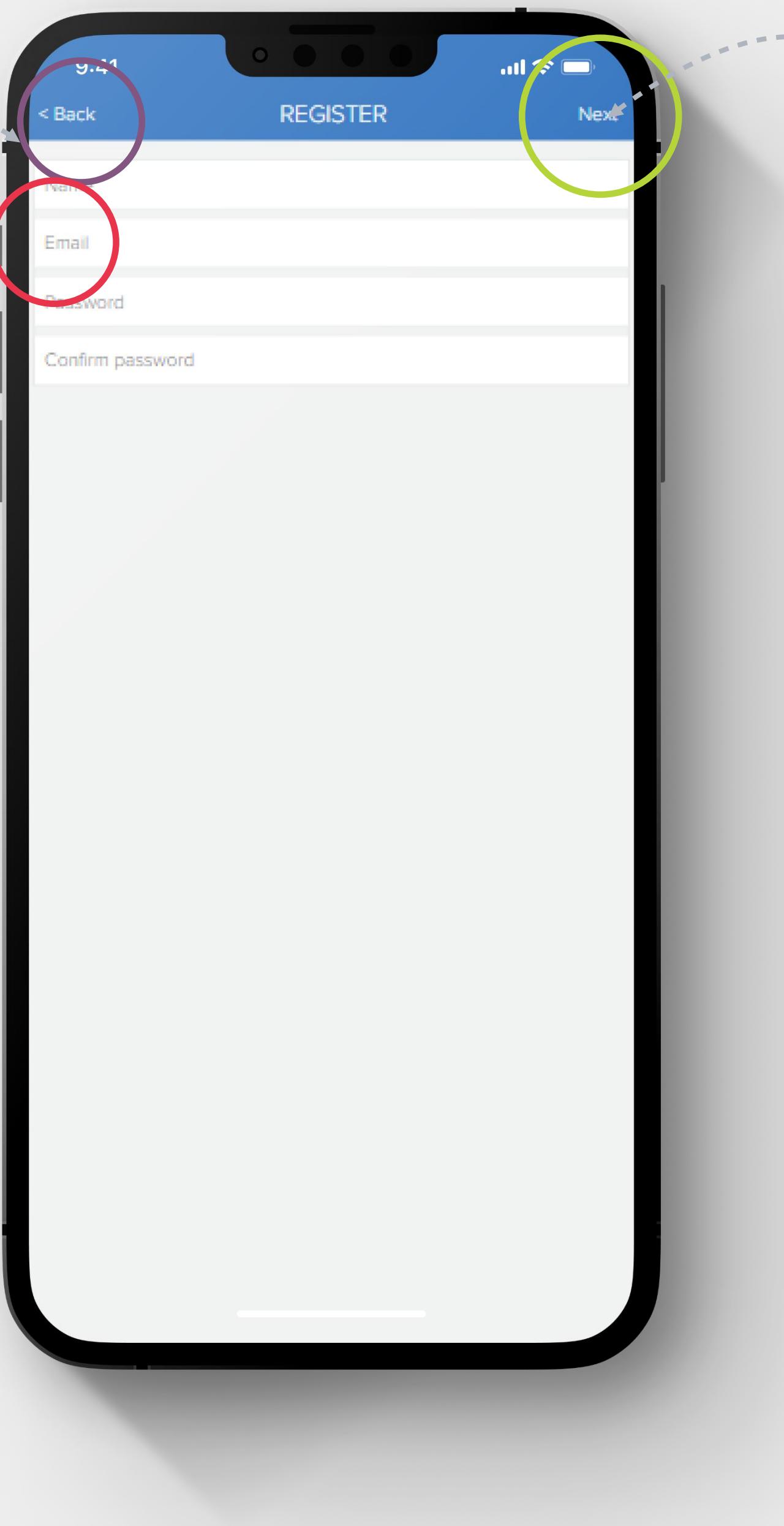
6

1

Navbar

3

Fields



2

Next icon

Login Screen:

7

1

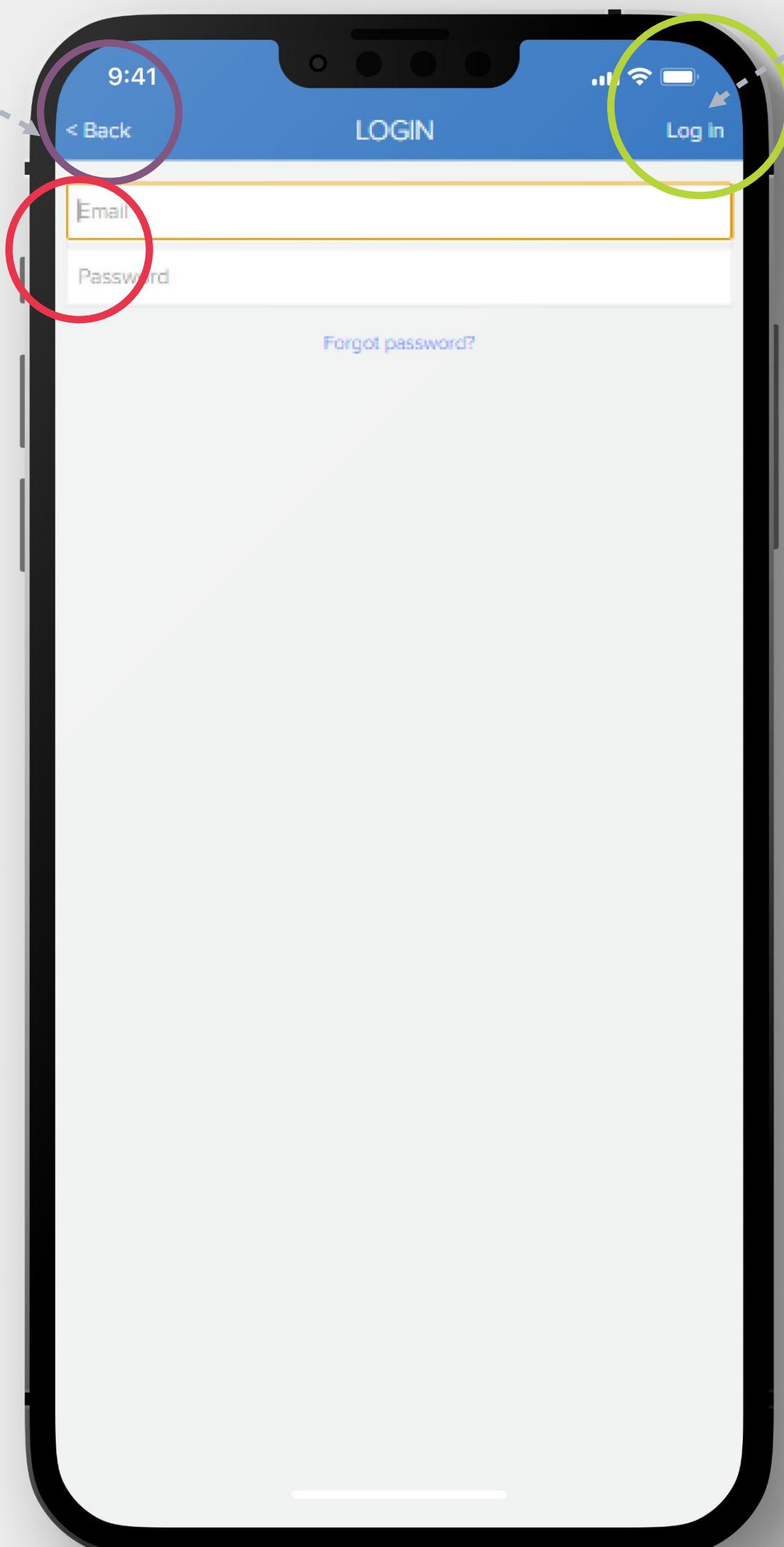
Navbar

3

Fields

2

Login icon



Categories Screen:

1

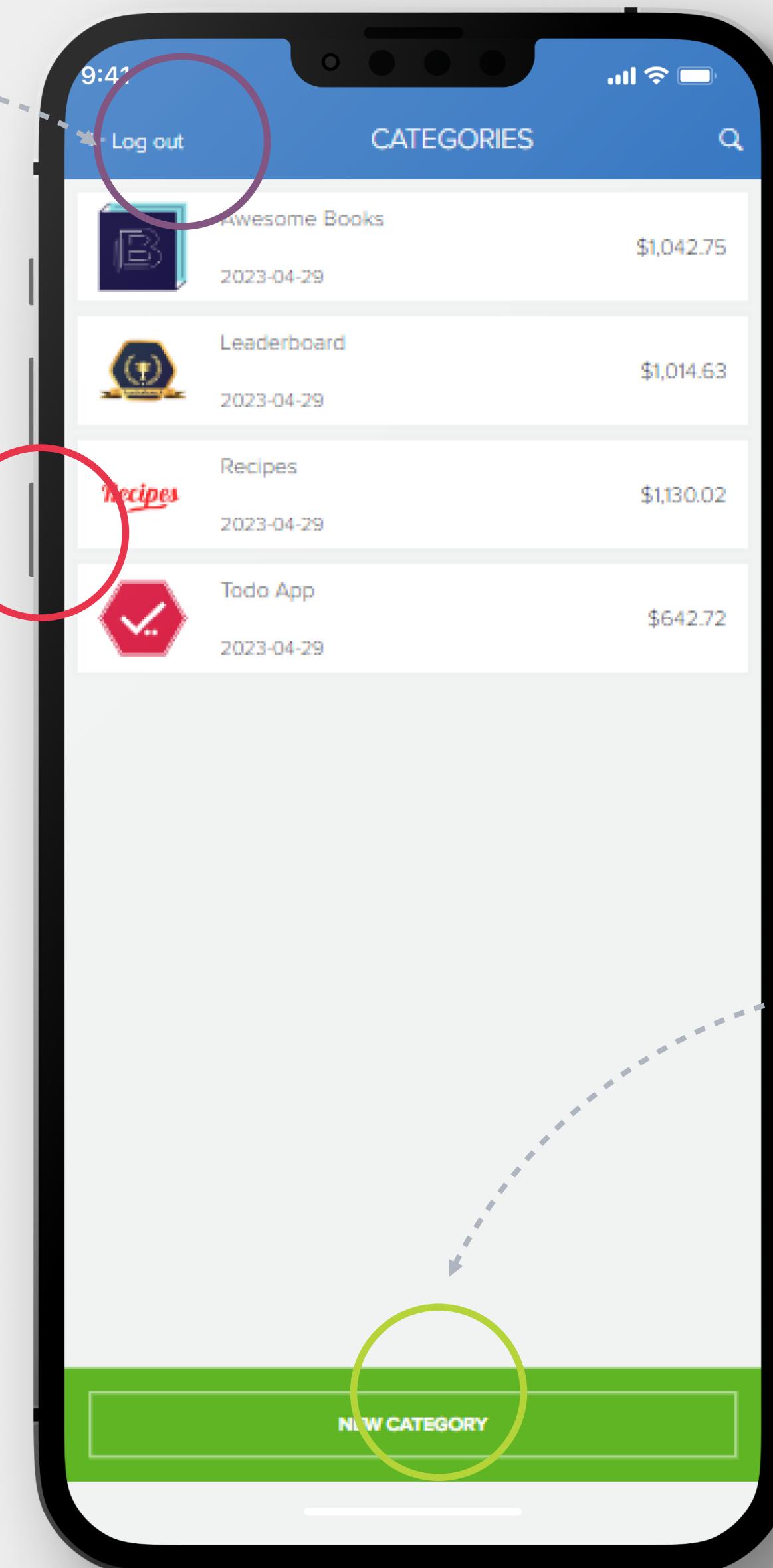
Navbar

3

Category

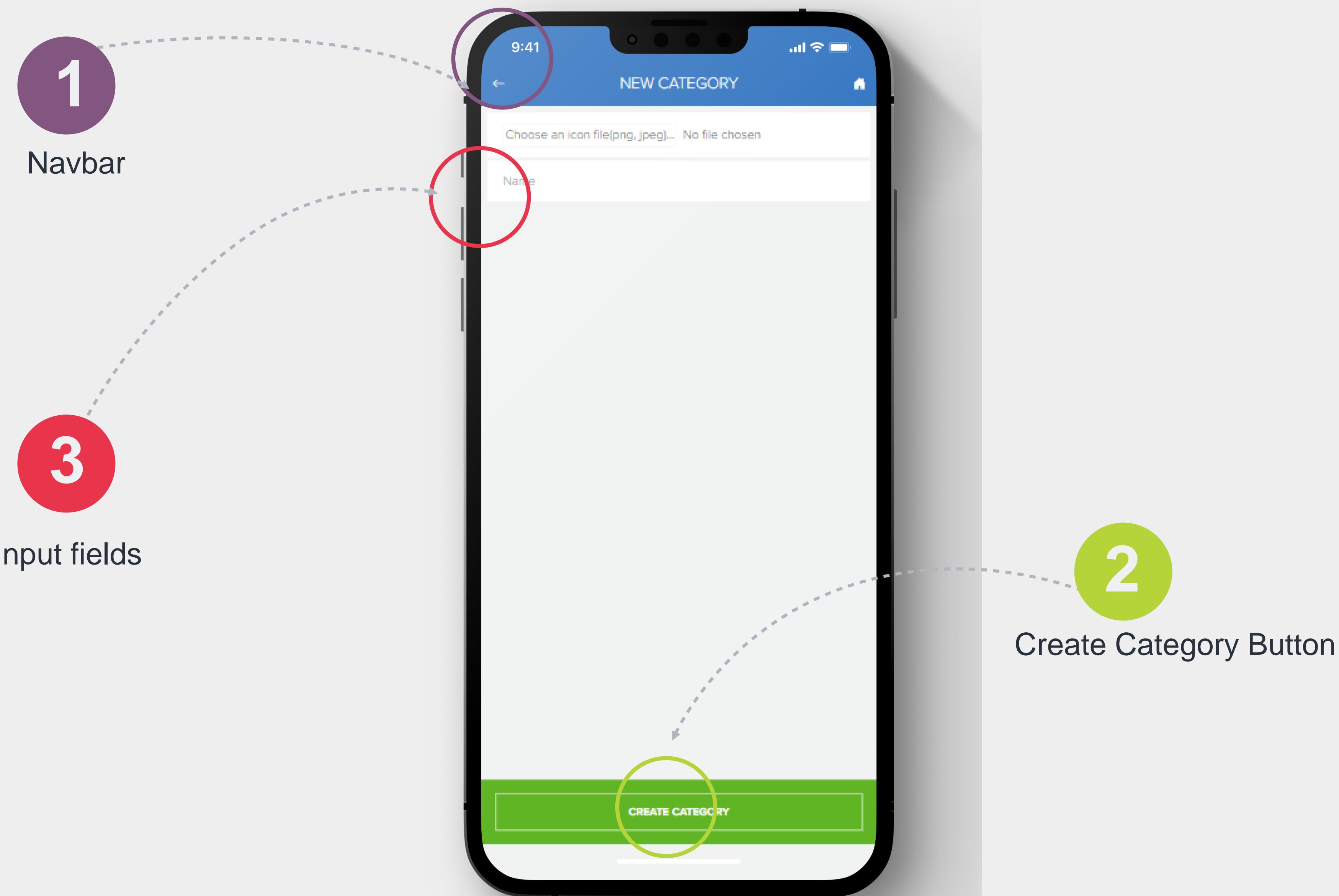
2

New Category Button



New Category Screen:

9



Payments Screen:

10

1

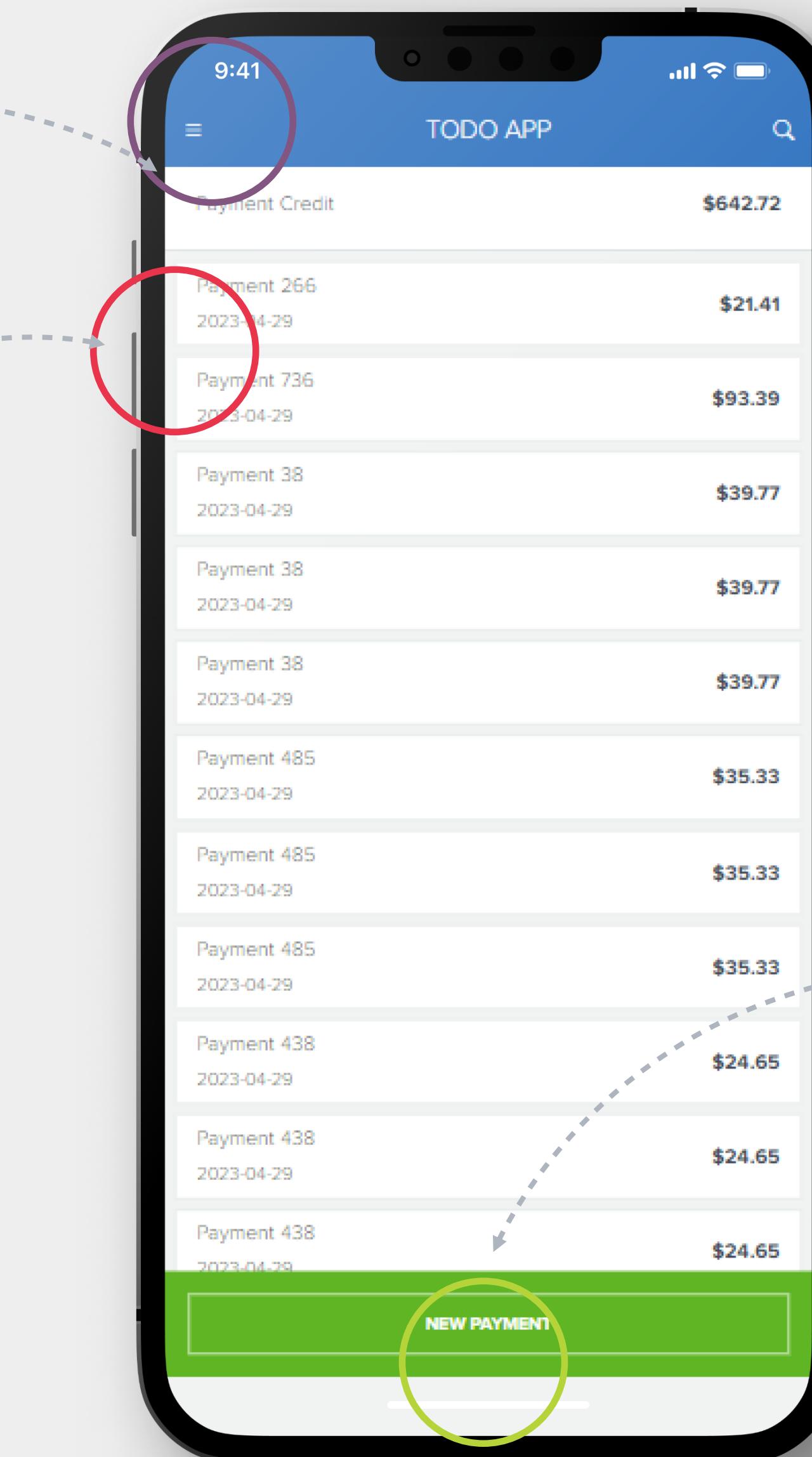
Navbar

3

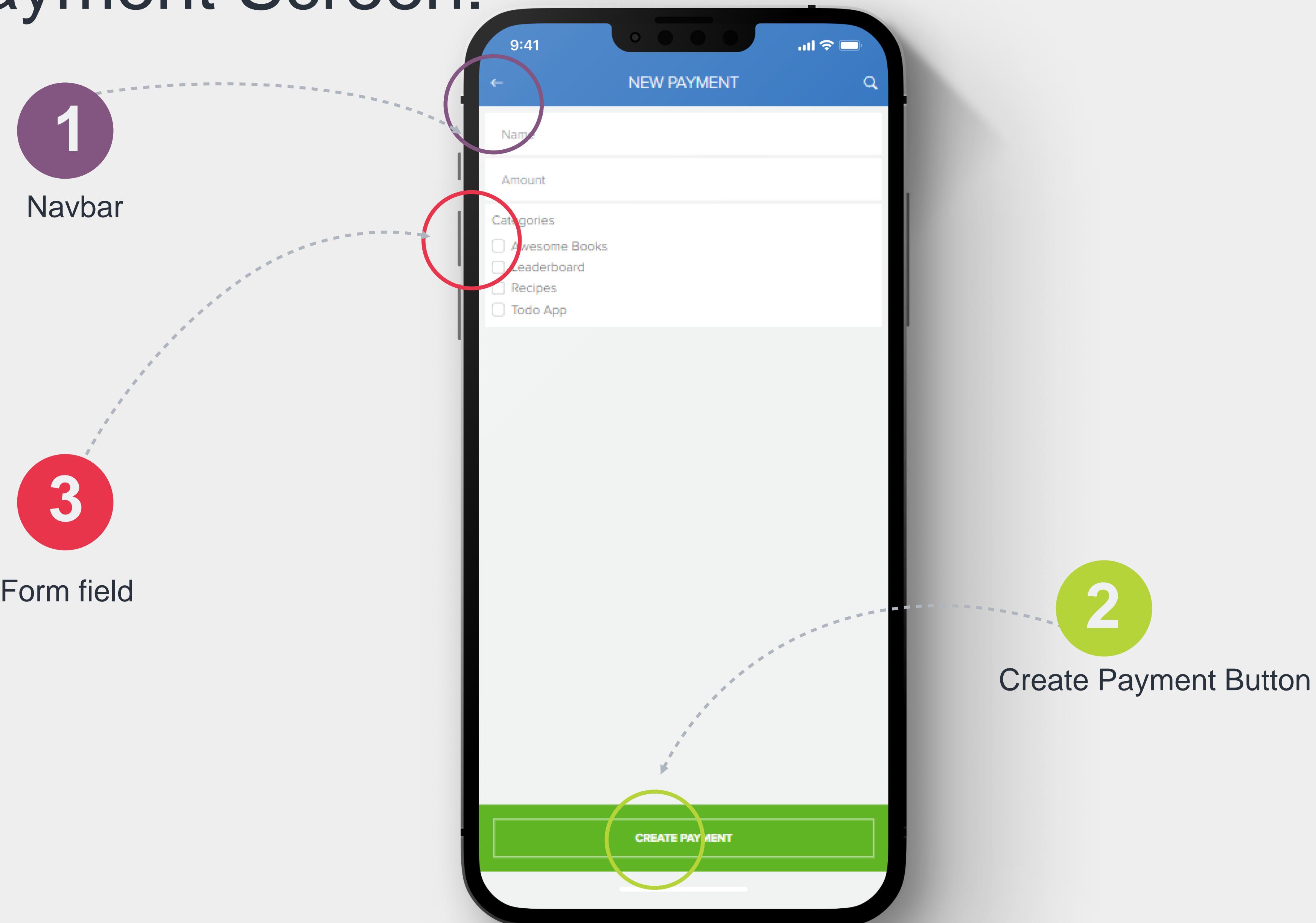
Payment list

2

New Payment Button



New Payment Screen:



Testing using rspec:

```
-----  
---- models/  
----- category_spec.rb  
----- payment_spec.rb  
----- user_spec.rb  
--- controllers/  
----- categories_controller_spec  
----- payments_controller_spec  
----- users_controller_spec  
--- views/  
----- categories_controller_spec  
----- payments_controller_spec  
----- users_controller_spec
```

The screenshot shows a terminal window with a dark blue background. On the left, there is a file tree structure under a 'spec' directory, which contains 'controllers', 'helpers', 'models', 'views', 'rails_helper.rb', and 'spec_helper.rb'. To the right of the tree, the test results are displayed:
Finished in 3.78 seconds (files took 13.06 seconds to load)
62 examples, 0 failures

Deployment:

Project is successfully Deployed in Render.



https://snap-pay.onrender.com/categories

CATEGORIES

Category	Description	Date	Value
Awesome Books	\$1,042.75	2023-04-29	
Leaderboard	\$1,014.63	2023-04-29	
Recipes	\$1,130.02	2023-04-29	 <i>Recipes</i>
Todo App	\$642.72	2023-04-29	

NEW CATEGORY

Conclusion

I want to thanks Microverse to give opportunity to complete this capstone project. This project make me more confidence and improved my skills. I also want to thanks Gregoire Vella creates for the beautiful design. I also want to mansions OnlineWebFonts for allow me use the font for learning purpose.

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