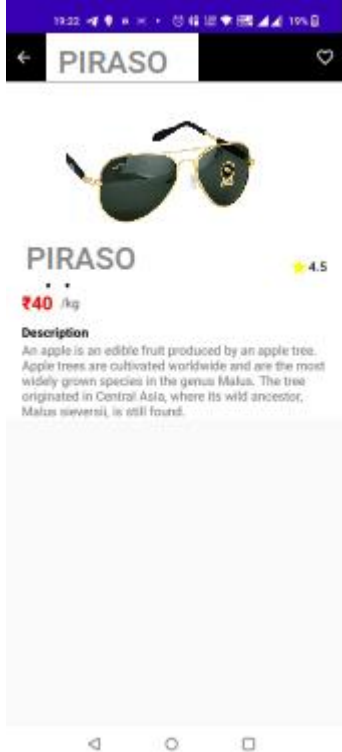
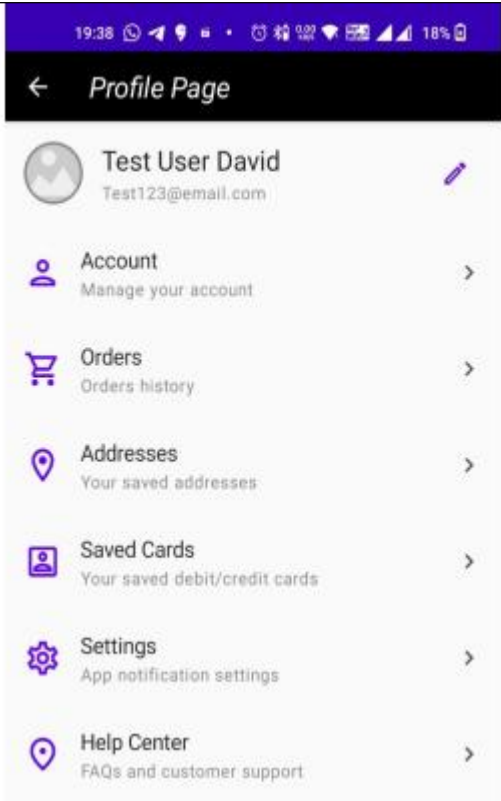
	<h2>Product List Page</h2> <p>Create a Product List Page that displays a list of products obtained from the API endpoint.</p> <p>Add a profile icon to the Product List Page that redirects users to the profile page.</p> <p>Include a cart icon on the Product List Page that redirects users to the cart page.</p> <p>Position both icons at the top-right corner of the page.</p> <p>Allow users to tap on any product on the list to navigate to its detailed page.</p> <p>Display the number of saved items as a count on top of the cart icon.</p>
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## Product List Error Page

1. If there is no internet connection is available, display an error message "No Internet Connection".
2. If there is any failure in API call, display the corresponding error message.

	<h3>Product Detail Page</h3> <p>Detailed description of the product, including its name, price, ratings, and image.</p> <p>A Favorite icon at the top right corner of the page to add the product to the cart.</p> <p>An option to remove the product from the cart using the same Favorite icon if it is already added.</p>
	<p>The profile Page should implement the following features:</p> <ul style="list-style-type: none"> <li>• Display various menus and options without any actions associated with them.</li> <li>• Enable the user to update their profile picture by clicking on the pencil icon located in the top right corner of the screen.</li> <li>• The updated profile picture should be saved even if the app is closed and reopened.</li> <li>• Display an error message if camera permission is denied</li> </ul>

## Api Call to be used added below

<https://api.npoint.io/866592d4df655060f42c>

### Sample Response:

```
[{"id":0,"name":"LOUIS KOUROS","price":27,"rating":"4.7","imageUrl":"https://rukminim1.flixcart.com/image/612/612/knknc7k0/sunglass/6/o/1/ray-free-ban-rb-3026-5-bajero-original-imag28ffkxvqehgj.jpeg?q=70","description":"UV Protection, Riding Glasses, Mirrored Aviator Sunglasses (62) (For Men \u0026 Women, Brown)"}, {"id":1,"name":"Shaah Collection","price":40,"rating":"4.5","imageUrl":"https://rukminim1.flixcart.com/image/832/832/ki0loy80-0/sunglass/t/7/i/medium-white01-like-future-original-imafxwg6dfrfae9n.jpeg?q=70","description":"UV Protection, Polarized, Mirrored Rectangular Sunglasses (Free Size) (For Men \u0026 Women, Black)"}]
```

## Technical Competency

- Follow the MVVM Architecture Pattern for writing the Code.
- For cart count and showing saved image use Room database.
- Use Retrofit for API Call
- Use Camera Permission for Accessing Camera
- Save the captured image in shared preference