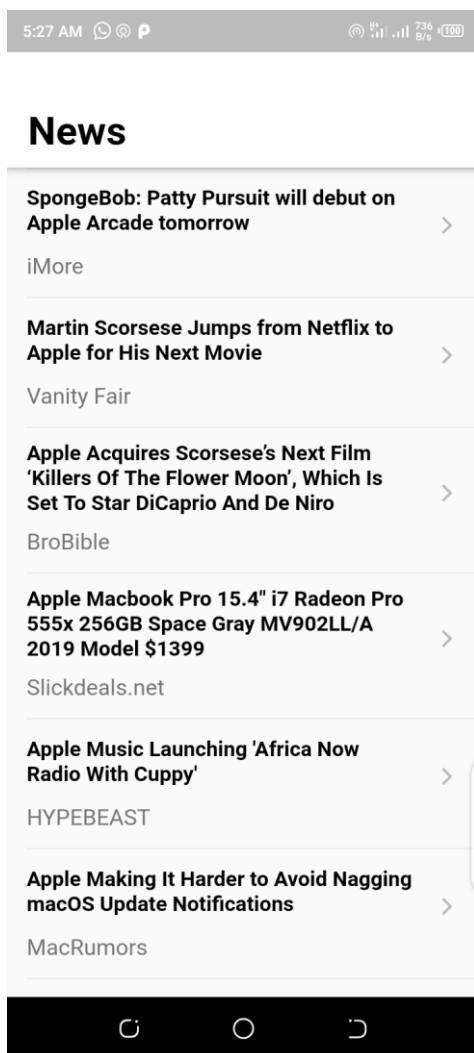


### How the Application Works

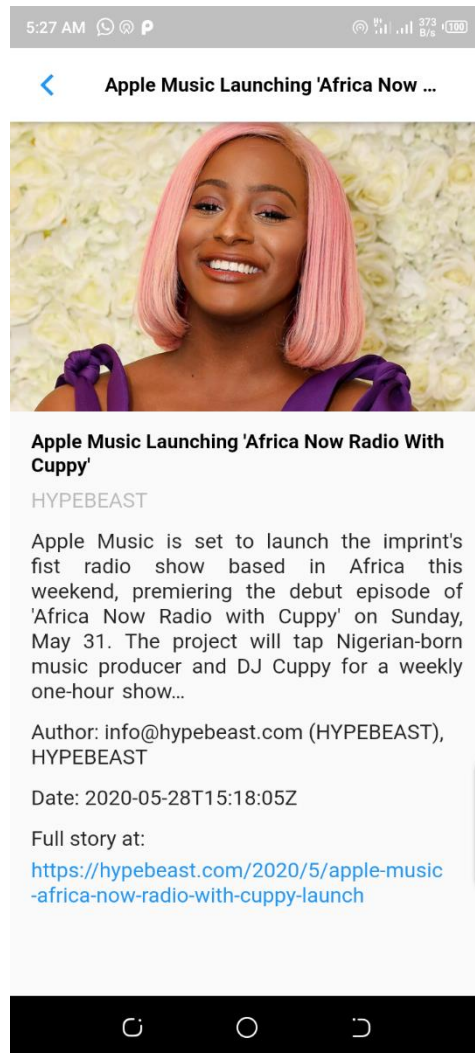
The application is built with flutter and dart programming language. The backend data for the app is stored online as a json file. An http request is made to fetch the backend data and the response of the request is decoded and converted to a string and then stored in a class. The retrieved data is stored as a list where each item in the list has an id, URL, title, text, publisher, author, image and date.

After the title of the first page, the list of news is displayed according to the order in which they appear in the list. For each item in the list, the title is displayed with the publisher below it, followed by a divider which separates it from the next. On the right side of the publisher and title is a forward arrow which displays further details of the news when it is pressed. When the icon is pressed an image, title, publisher, text, author, date and URL of the story whose arrow was pressed is displayed from top to bottom, respectively. Also, at the top of every story page is a backward arrow which brings you back to the first page. In cases where the details of the news exceed the height pixel of the phone, the scrollable ability of the app allows you to view the rest of the details by scrolling downwards.

There is the link to read the full story at the end of every story page. When the link is clicked, you are taken to the website to read the full story. The images below show the first and, a detailed page of the app.



*First page of the application*



*Detailed page of the fifth story*