

Project Proposal - Fake News Classifier

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1. Why this app ?

As this is a social media era, social media users are growing day by day & thus it has become an one of information source. But some people are using it to fulfill their own interest & thus spreading false information.

I like to be updated & read news whenever I get spare time. I have realised that so many news/articles are going through social media, which are not true. For example - writing fake articles about anything, morphing images, audio & video to malign anyone's image.

Few things which motivated me to work on this idea is -

In India, the supreme court had filed cases against spreading false information.

Also in this covid time, so many people had spread false rumors regarding lockdown, due to which so many migrants from other indian states had to suffer & many lost their lives, closed ones.

Another example is - In my hometown, there is no shortage of oxygen, even the District magistrate told that there is no shortage of oxygen in my hometown district, we have surplus that we are sending to other districts but I have so much news regarding shortage of oxygen on fb groups, whatsapp messages, twitter & through other channels. This is creating a panic situation among people.

To tackle this issue I decided to use AI to detect fake news so that i/people can verify the authenticity of any news articles.

2. Which Dataset?

I am using Fake & real news dataset from kaggle. You can find it [here](#).

3. What are the features?

Currently there are following features -

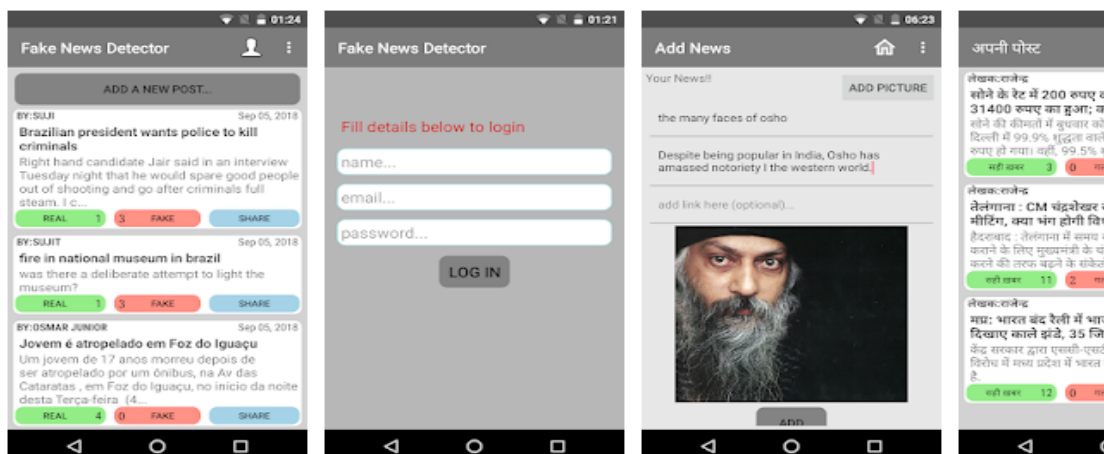
A user can

1. **Read the post & verify** whether the news is true or fake.
2. **Vote , true or fake** so that other users can see & decide whether to read the article or not.
3. **Share** if it is true& likes the news. **Comment** why it's fake news.

4. What are the 3 similar Apps?

Below are the 3 similar apps.

1. [Fake News Detector](#)



2. [NewsCop | Fake News Detector](#)



NewsCop | Fake News Detector

DevKey Apps News & Magazines

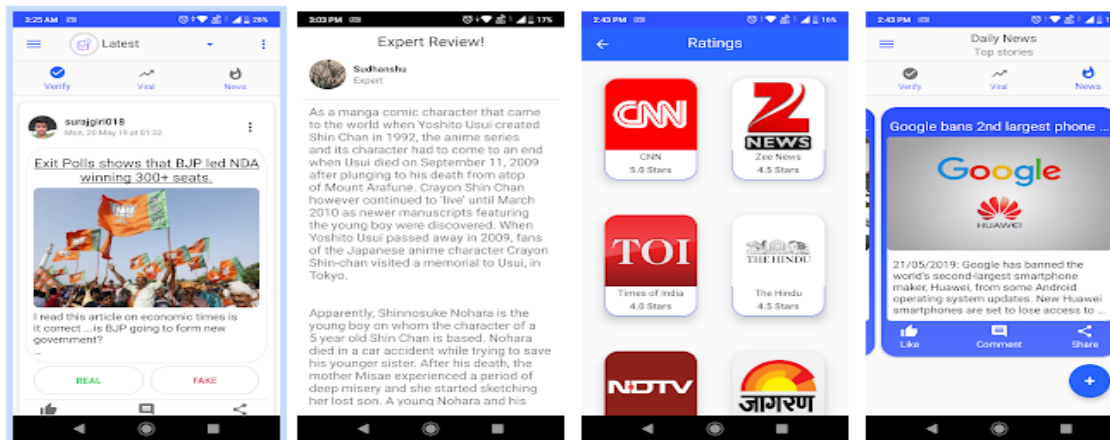
★★★★★ 89

Everyone

Contains Ads

Add to Wishlist

Install



3. [Oigetit Fake News Filter](#)

App Store Preview

This app is available only on the App Store for iPhone and iPad.



Oigetit Fake News Filter 12+

We filter fake news.

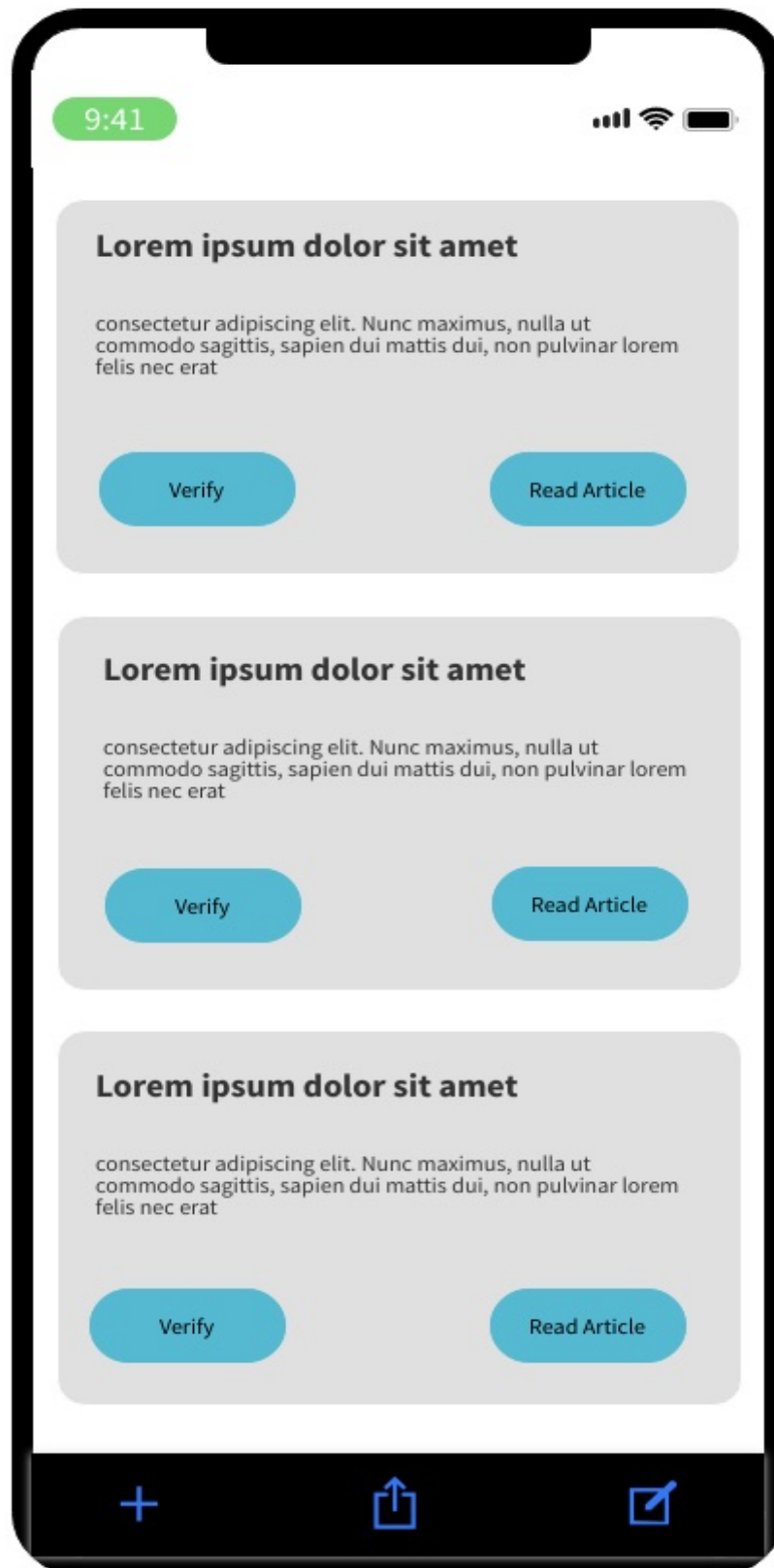
Oigetit, Inc.

★★★★★ 4.9 • 251 Ratings

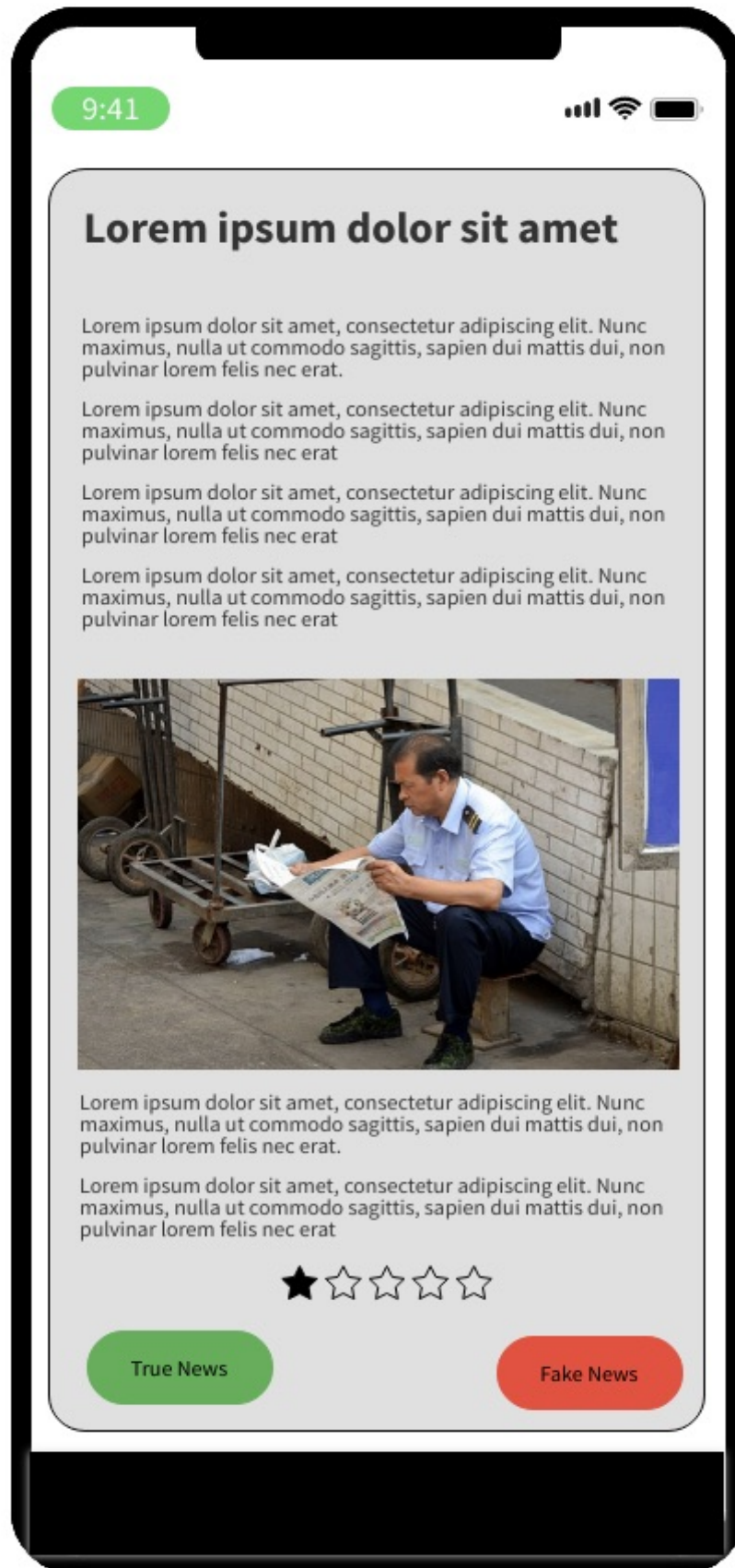
Free

5. Sketches of this project?

Sketch 1 - this is the homepage of the app when the user opens the app. Users can see many articles with the option to verify first & then read.



Sketch 2 - this shows the article with the option to read & vote if the user finds it true or fake. Users can also provide ratings out of 5 where 1 is fake & 5 is true.



Sketch 3 - if the user finds it fake, the share option will be disabled & the comment section will be enabled to write why the user thinks it's fake news.

9:41



Lorem ipsum dolor sit amet

Fake (30)



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc maximus, nulla ut commodo sagittis, sapien dui mattis dui, non pulvinar lorem felis nec erat.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc maximus, nulla ut commodo sagittis, sapien dui mattis dui, non pulvinar lorem felis nec erat.



Share

[Comment](#)

This is a fake news.



totally rubbish.



this is not true.



I don't think, its true.



Yes, It's fake.



6. Video Link

<https://youtu.be/1SkVYX2d2r8>

7. What's Next ?

There are many improvement possible like

1. Personalised and localised news challenges
2. Fake / Morphed Image detection - this challenge needs to be solved asap because some people are using other country/states images to misguide people. Will do this in the upcoming version.
3. Fake / Morphed audio video detection - this is also need of hour & will solve this in the upcoming version.