# INSTAGRAM REELS CLONE

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## Abstract

The use of social media becomes more popular among all age groups. They use various social media platforms to express their views, share their photos and videos, and exchange ideas and messages in the form of text. Nowadays social media is becoming an effective tool to stay in touch with friends who are far away from you and to stay up to date with news and current events. Many companies use various social media platforms as advertising platforms so that they can reach more and more people. Social media helps bloggers to drive traffic to their websites. By using various social media platforms we can create awareness and share it among a large number of peoples. One of the famous social media platforms is Instagram reels. Instagram Reels invites you to create fun videos to share with your friends or anyone on Instagram. Record and edit 15-second multi-clip videos with audio, effects, and new creative tools.. According to official statistical information,90 to 95 million pictures are posted on Instagram daily. Many Teachers use Instagram to develop classroom activities innovatively. Instagram is successful today because they provide very interesting features and their user interface is so simple. This paper will give a summary of how to develop an app like Instagram reels clone.

**Keywords**: Social Networking ,Instagram Reels , Beliefs,tool, Businesses,

## Introduction

Instagram reels is the latest form of communication in which users can share their photos by twisting them using filters. Instagram reels users are increasing day by day since it was launched in August 2021 (1). It offers its users a matchless way to post videos. It provides numerous filters to change the appearance of a video. It also allows similar social connectivity to other social media platforms such as Facebook, Twitter, etc in which everyone can follow any number of other users (2). There are four ways by which we can share our videos on Instagram reels.(3)Reels are short, entertaining videos on Instagram where you can express your creativity and bring your brand to life. People come to Reels to participate in cultural trends, collaborate with the community and discover new ideas.(4)People come to Reels to participate in cultural trends, collaborate with the community and discover new ideas. (5)

- Privately
- Publicly
- Directly
- Via instagram stories

## Instagram Clone

Instagram reels Clone is an impressive video sharing script which is built to develop its own video sharing app similar to instagram reels and tik tok app. Instagram reels clone is fully developed with impressive features that helps users to share or upload videos anytime, anywhere.

Reels in Explore offers anyone the chance to become a creator on Instagram and reach new audiences on a global stage.You can share reels with your followers on Feed, and, if you have a public account, make them available to the wider Instagram community through a new space in Explore

## How To Make Your App Exclusive:

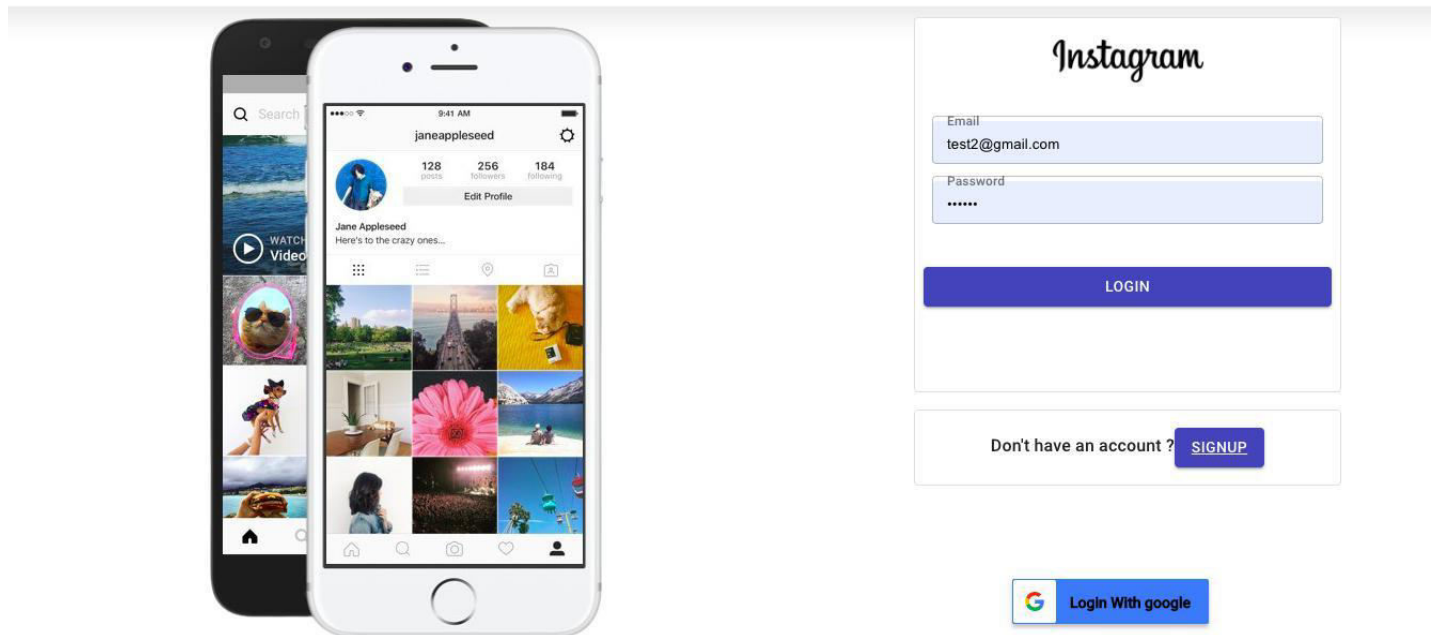The following points help to make your app different from others:
- Crystal clear UI/UX design of an app.
- Uncomplicated video-sharing specialty.
- Convenient Navigation.
- With attractive graphics and visuals.
- Feed Personalisation.
- Design the feature of video-sharing for a particular user group.
- Add functionality to produce theme video albums.

## Methodology

1. HOW TO DEVELOP AN APP LIKE INSTAGRAM REELS CLONE

There is certain guidance that helps to develop an app like Instagram reels clone:
- Perform Market research for your app
- Develop a prototype model to learn about app feedback from the target audience
- Read about popular features of other video-sharing apps and add unique features in your app which are more advanced than those popular features.
- Make a strategy for advertising your app so it reaches the target audience. Fundamental functions of Instagram reels like app
- Allow users to sign in or log in to the app by entering an email id or mobile number or entering his/her google id .
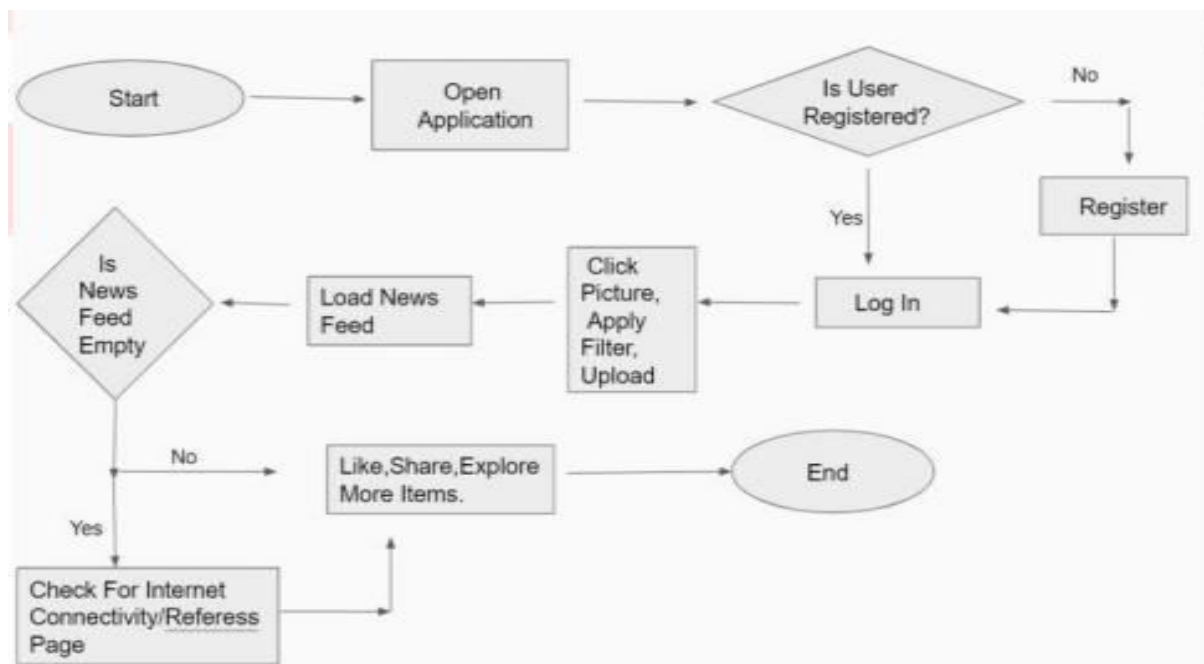
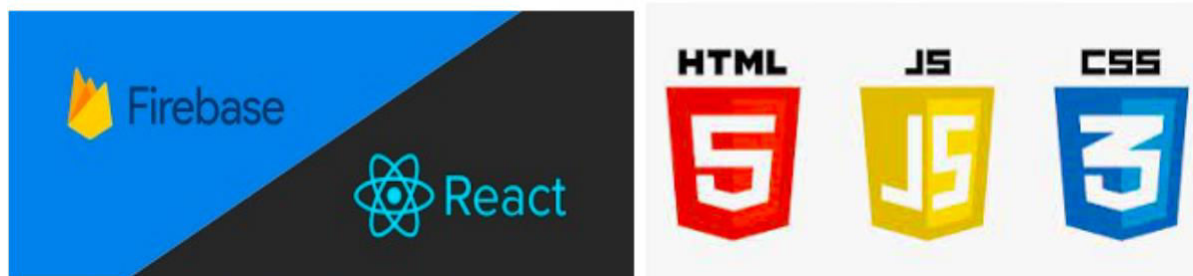Authorization with Email, and Authorization with google

● This app should allow users to invite friends from their Facebook and other social media platforms.
● This app must notify the users instantly when someone likes, comments, or shares the post.
● This app must provide advanced tools for modifying the post.

## Flow Diagram of an instagram reels clone like application



## Tool required to develop an app like instagram



● React JS:-React JS is a demonstrative, productive, and stretchy javascript
library for building user interfaces. It allows us to compose difficult UIs from small and inaccessible pieces of code which are called components. It also allows us to create reusable UI components. It is an open-source and component-based, front-end library.

1.  It provides a lightweight document object model
2.  It follows a unidirectional data flow which enables easy debugging of the errors.
3.  React JS learning is easy because it mostly combines basic HTML and javascript concepts.
4.  React can be used to develop both mobile and web applications.

● The Firebase Realtime Database is a cloud-hosted database. Data is

stored as JSON and synchronized in realtime to every connected client. When you build cross-platform apps with our Apple platforms, Android, and JavaScript SDKs, all of your clients share one Realtime Database instance and automatically receive updates with the newest data.

# Result

We looked at how to get started with React development and create the frontend for an Instagram reels clone application. We also looked at how to connect the frontend to a Firebase backend and deploy with Firebase. We were able to add MVP functionalities such as signing up, viewing posts, adding comments to posts.By doing this assignment, it helps me to understand more about multimedia databases in applications especially in Instagram reels which is a popular application among the teenagers nowadays. Instagram reels will continue becoming the number one video sharing application if it continues giving good services to the users. Furthermore, it will further prove that.

multimedia elements in databases are very useful to applications despite the disadvantages. I sincerely hope that Instagram reels will continue improving their services to attract more users and maintain the number 1 video sharing application.

# Conclusion/FutureWork

So by this paper, we now understand what efforts are required to develop an app like Instagram reels . We all know that Instagram reels gain popularity due to its simple interface and excellent features. For developing an app like Instagram reels the important point is to include basic features of Instagram reels and always observe the new thing it uses and come up with the features which distinguish your app from other video-sharing apps. It is very important to keep your app updated and it is only done by continuously testing and improving. The main function of a video app is to share the video which is transferred from the user's device. In your app, there should be a feature of video sharing because nowadays people are attracting more towards the application which has both functions for sharing. There are lots of video-sharing applications present there so creating something unique or exclusive is important. Now you understand how to develop an app like Instagram reels and what is important to get fruitful outcomes. If you deliver the best and unique quality product to users, success will easily find you and always keep in mind while developing an app to keep a place for improvement in the app because technology is changing every day. Instagram reels is not going away anytime soon it still has over one billion daily active users if space taught us anything, it's that when the world's biggest social media site collapses, it effectively does so overnight.As a part of future work, we will study some unique features which are not presented in Instagram reels or other existing video-sharing apps. These features can be like, a user can log in to his/her account by Authorization with Email, and Authorization with google.

# ACKNOWLEDGMENT

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