MITRO

(Instagram Clone Application)

Synopsis

Department of Computer Engineering &Application

Institute of Engineering & Technology

Submitted To: -

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<u>Acknowledgement</u>

It gives us a great sense of pleasure to present the synopsis of the Mini Project
(**MITRO – Instagram Clone Application**) undertaken during B.Tech IIIrd
Year, this project itself is going to be acknowledgement to the inspiration, drive
and technical assistance will be contribute to it by many individuals.

We owe special debt of gratitude to **Mr. Mandeep Singh** (Technical Trainer
Department of CEA) for providing us with an encouraging platform to develop
this project which thus helped us in shaping our abilities towards a constructive
goal and for his constant support and guidance to our work. His sincerity,
Thoroughness and perseverance is being a constant source of inspiration for us.
We believe that he will shower us with all his Extensively experienced ideas
and insightful comments at different stages of the project & also taught us about
the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the
contribution of all faculty members of the department for their kind
guidance and co-operation.

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About the Project

The Project that we are making is more of a skill gaining work by which we are seeking to learn different technologies and prospects of developing any software or application. Basically, we are going through each and every step so that in future we can easily make our own app by the knowledge and experience gain by this.

MITRO is a ready to use social media software solution which caters to the general users, Influencers, Celebrities and well as Business Profiles.

What is an Instagram Clone?

Instagram clone is a social media app software solution to build an app similar to Instagram. It gives an idea to the entrepreneurs and students as to the nature of the application they will be getting.

What are the features of an Instagram Clone App?

Instagram clone app has features such as create Profile, Add & Follow Friends, browse posts of different categories, Upload Post, Upload Stories, Keep up with social trends.

Why choose Instagram Clone?

It will not be too much if we said 'The digital age revolves around the social media', now will it?

Following statistics will be enough for you to understand why choose Instagram Clone Script:

81% of all small and medium businesses use some kind of social platform.
The average daily time spent on social is 142 minutes a day

Social media users grew by 328 million between October 2018 and October 2019.

Now you know why you need to choose Instagram Clone when it comes to launching a social media application.

Features

- Login, Signup, Quick Login (this means app remembers that you had logged in, so you only have to enter password to login again).
- AJAX used almost everywhere (From login to logout).
- Follow, Unfollow, Recommend, Profile views, Block, Unblock.
- Like, Comment (Sticker, Text, Image), Share, remove share, Tag, remove tag, copy post link, delete post, Edit post, Open post.
- Post Text, Image (with filters), Video, Audio, Link, Document, Location with emojis, Font size, Tag, mentions, hashtags and location.
- Edit your profile (From username, Bio, social links to tags).
- Explore people, photos, videos, audios and groups.
- Message emoji, Text, Image, Sticker.
- Delete conversation, unsend all your messages, edit conversation title and get all info about the conversation.
- Create a group with your followings.
- Add/remove members.
- Edit group's settings.
- Change your password.
- Change account type private or public (Default: public).
- Change email and phone visibility.
- Get all your login details.

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Motivation

Recreating a popular app is a fun way to learn a lot of complex programming skills. Instagram clone app includes an authentication system, database, storage, and more.

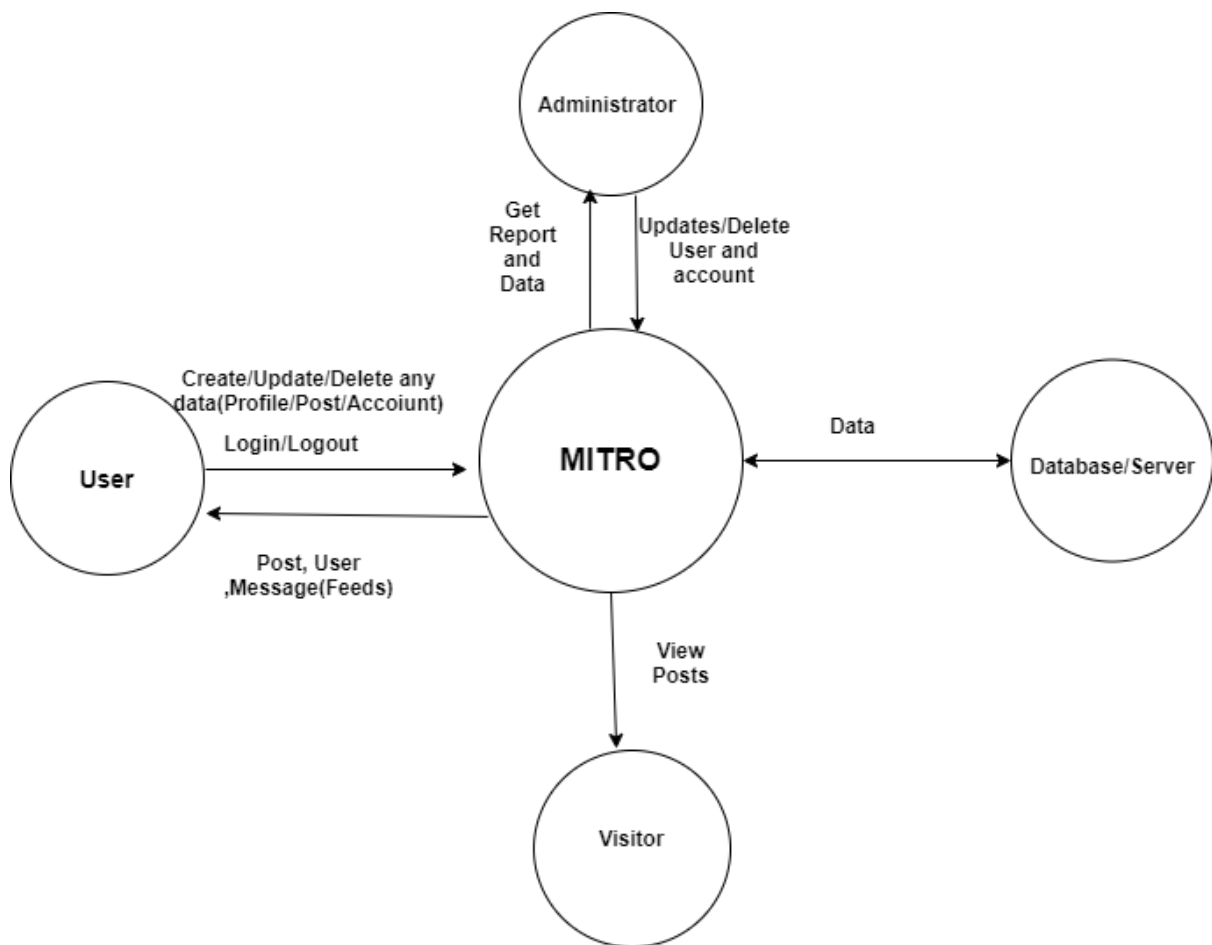Creating the app with React Native allows you to use the same code base for both Android and iOS devices.

The eagerness to know and learn how the application is made and how it works led us to take the project of Instagram Clone. And this is more of a skill gaining work by which we are seeking to learn different technologies and prospects of developing any software or application. Basically, we are going through each and every step so that in future we can easily make our own app by the knowledge and experience gain from it.

Future Prospects

The Future Prospect of this project is to provide us with all the inside and outside details of making an application all the step involved and to know everything from minor to major details and to give us enough knowledge and experience, so that we can develop further our own application and improve it.

With enough technological knowledge we can further add any functionalities and features of our own make it more user friendly and interactive. Our Goal will be to provide an app for all requirements of user, whatever user seeks to find he will get there.

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Requirements

A) **Hardware Requirements (Minimum):**

1. i3 processor-based computer
2. 4GB Ram
3. 25 GB Hard Disk Space

B) **Software Requirements (Minimum):**

1. Windows 10 OS
2. React Native
3. Firebase
4. GitHub
5. NetBeans
6. Language used
   - Java
   - JavaScript

REFERENCES

- WWW.w3school.com
- WWW.javatpoint.com
- WWW.youtube.com
- Faculty Guidelines
- ➢ Mr. Mandeep Singh

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