**1. Introduction**

Social media is a part and parcel of our daily life nowadays. With the development of information and communication science and technology, the use of the Internet is rapidly increasing and various smart devices have appeared, and the quality of life is also improving along with changes in the expansion of daily life into cyberspace [1]. This social media, in a sense, controlling our personal and business life expressing our ideas posting unique contents. But it is not an easy task to come up with a unique idea every day or just remember to post it later. Moreover, ideas come all on a sudden and hard to remember them as an idea grows with thoughts. So, people often forget them. Modern people who are familiar with the digital environment and use mobile information often use mobile phone SMS, mobile messenger, and schedule management applications for simple expressions of intention or personal appointments. Not so long ago, people usually followed the traditional ways of writing the ideas in their notebook. Later, software like notepad makessa it more easier but not so efficient. But in recent times, the scheduling system has been made easier with improved efficiency for posts in social media. Moreover, there are a handful of applications and social media that one needs to maintain at a regular basis. Because social media has not only become the way of expressing oneself but also a medium for conducting business. In particular, various schedule management services are used to organize and remember tasks or to-dos that are suitable for one's role. Planner, One Day, Naver Calendar, Google Calendar, Apple Calendar, and various scheduler apps are used as tools for simple schedule management and time management.

An application that appoints or schedules post or tweets for social medias is commonly known as Social Media Scheduler. It is a mobile application for users as an everyday use. It can run in both iOS and Android operating system. We try to extend it comprising posts, likes, comments, views etc. It will enable not only the common people to make their life easier but also pave the way for various business to grow more. It can open a new dimension in the era of customer service-based business where the whole business is built on the satisfaction of the customers. Marketplace along the social medias will be more accessible for the customers following the trending posts of the seller creating a more competitive environment for the e-commerce business. Altogether, the social media scheduler application can create a huge impact both in our daily life as well as the socio-economic development of a country.

**1.1 Purpose**

Our main target is to reach the common people motivating them to use our application for increasing their productivity. We will try to build our application as a user-friendly system for expressing their ideas in all the popular social media. This will eventually result in a community development of thoughts and ideas that can help the society to be established as a futuristic tribe. In addition to this, we will also try to enable the business user to have a analysis on the market predicting the posts, likes, comments, reviews that are followed by the customers. Hence, all the people can use social media remotely. They can easily maintain their social media accounts form one hub and post when they are on the roam. Personal profile management will be much easier for common people following an easy use of every social media application. Lastly, the purpose of our project is to provide a solution to our target audience and that we plan to launch an android application.

**1.2 Audience**

Firstly, we will approach to include pages and groups in different social medias to use our application to maintain their pages and groups. There are many agencies and NGOs for different purpose like Hajj agency, banks, business agencies, organizations, garments, fashion houses, rural development etc. Maintaining a social media account in different format is a must for every agency to communicate with the users more frequently and efficiently. It not only extends the scope of the organization but also creates a positive impact on the peoples’ perspective. There are many e-commerce-based businesses which are being conducted using these types of social media. Our application can be a great help for those who are starting new. Again, our application can be much useful to large groups too for maintenance, keeping the irrelevant posts or community rules violating comments away. Even if our audience is not so vast, but it can be extended with time,

**1.3 Possible Features**

Our program is a firebase-based application. The application will have several features like sign in, sign up and registration. Upon appropriate registration, user can verify information and login to individual account in specific social media. User can also provide images of respective account or holder and maintain his or her profile as per need. Using this registered profile, user can login to fb, twitter, Instagram etc. User can create a post with text input or image or both. It will be a post as per the individual social media rules. For example, fb posts can contain texts, links, images, animation etc. Page will be updated in real time following every comment and reacts. These posts can be scheduled in the profile for a specific time according to the chosen time zone. Thus, posting contents will be automated. Moreover, user can also create stories both in Instagram and fb. They can be edited as it can be in fb or Instagram. User can also add location to the post and feelings tagging emoticons. Lastly, user can update the scheduled time if one wants to change it.

**2. Issues & Challenges**

2.1 Privacy & security   
 DDoS attacks,   
 cybersecurity,   
 location privacy,   
 privacy of social life,   
 media privacy)

2.2 Security Requirements   
 Secure Communication

2.3 Future Research

IoS and web development platform  
 Image size editing  
 Filtering data by an author  
 Working with firebase transaction for counting likes, views and comments

**References**

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