

Tweedle with Fun: An Educational Tool

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ABSTRACT

With the development in technology, social networking sites are booming day-by-day which results that students are wasting their precious time scrolling up and down the pages in these social sites. Several types of research have been done to take care of this issue by creating applications for students in which they can post their inquiries and individuals solve them. This method of study demonstrated effectiveness for the understudies. Information was integrated through a narrative approach. This is the primary paper to methodically survey the literature on the utilization of web-based media like Twitter in students training. So after doing all these researches we decided to write a review on this topic by adding some points and benefits of our application "Tweedle". It is an android application build in such a way that a student follows their friends, teachers, scholars, graduates, and post-graduates. It is somehow working as Twitter. As we know different people are having different opinions so everyone quotes different examples and different ways to make the students understand. With this sort of examining student will have the option to unmistakably comprehend the issue since he will get the arrangements in different ways? Even this is also an interesting way of learning because a student will be eager to know the different answers to his problem. By using this application students use social media by not wasting the time.

KEYWORD: Twitter, Tweedle, educational tool, higher education, Android, Parse-server, social media

INTRODUCTION:

Since the presentation of online media, 23 years prior these stages and applications have gotten undeviatingly main-stream among society and are broadly utilized for entertainment, socialization, and information seeking and sharing purposes. Twitter's micro blogging feature allows people to interact by sending short messages of up to 280 characters which was earlier limited to 140 characters and was released in the year 2006. It allows users to share their views, ideas, and opinions in the current-time by writing tweets. It is the most famous social media platform like Instagram, Facebook, YouTube, etc. Social media platforms were not designed for educational and other learning-based activities but their acknowledgment for content sharing has made them an appropriate fit for these agendas (Thomas B, 2012; Tess, 2013) [1]. Twitter is normally utilized for correspondence and evaluation purposes. But do you know Twitter's use and learn execution stay to be indisputably unsettled because of that western education is rapidly adapting for which global pandemic of "Corona" acted as a booster. Institutions with higher education, elementary and higher secondary schools have actively welcomed various social media platforms as their means of imparting education. Teachers and students can easily tweet homework and assignment details of their respective subjects by using Twitter, teachers can share e-resources and important links that can direct them to key web pages and can help them in future with students and make their subjects more interactive and easier to learn. Teachers can mention the due dates in their tweets for respective assignments or worksheets. In this manner, everyone with an account will receive a notification and they can like,

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comment, share, or re-tweet the particular tweet. Students love surprises so teachers can type a creative message regarding field trips which can create zeal and enthusiasm among students, teachers can teach younger students how to follow hash tags and education-related accounts which can beSince the presentation of online media, 23 years prior these stages and applications have gotten undeviatingly main-stream among society and are broadly utilized for entertainment, socialization, and information seeking and sharing purposes. Twitter's micro blogging feature allows people to interact by sending short messages of up to 280 characters which was earlier limited to 140 characters and was released in the year 2006. It allows users to share their views, ideas, and opinions in the current-time by writing tweets. It is the most famous social media platform like Instagram, Facebook, YouTube, etc. Social media platforms were not designed for educational and other learning-based activities but their acknowledgment for content sharing has made them an appropriate fit for these agendas (Thomas B, 2012; Tess, 2013) [1]. Twitter is normally utilized for correspondence and evaluation purposes. But do you know Twitter's use and learn execution stay to be indisputably unsettled because of that western education is rapidly adapting for which global pandemic of "Corona" acted as a booster. Institutions with higher education, elementary and higher secondary schools have actively welcomed various social media platforms as their means of imparting education. Teachers and students can easily tweet homework and assignment details of their respective subjects by using Twitter, teachers can share e-resources and important links that can direct them to key web pages

and can help them in future with students and make their subjects more interactive and easier to learn. Teachers can mention the due dates in their tweets for respective assignments or worksheets. In this manner, everyone with an account will receive a notification and they can like, comment, share, or re-tweet the particular tweet. Students love surprises so teachers can type a creative message regarding field trips which can create zeal and enthusiasm among students, teachers can teach younger students how to follow hash tags and education-related accounts which can be accounts which can help them in gaining knowledge and interest in a particular domain, and conduct contests online as students love to interact on social media platforms **(Dayter D, 2011)** [2].

Twitter is an effective means of communication due to this global pandemic as education is centered on remote learning for school or college going students. Twitter has its plenty of advantages due to which it is being used in western education, some of those features are user-friendly user interface, easy to join, real-time message sharing, you can use an anonymous identity and share your views and connect with your friends, comrades, family members, etc. Twitter is a media broadcasting network that brings people closer to what they feel is important to them **(E-kessens Noor, 2012)** [3].

Tweedle is a communication tool that highlights some of the interesting facts. Children will be able to share their opinion and homework. Its user interface is very interactive which does not require any prerequisites. In today's world, our life revolves around likes, followers, interests, and comments. Tweedle will help in establishing different educational communities and students can join those for enhancing their knowledge and for gaining world-class education that too with varied opinions and from people living in distinct places. Firstly, students sign up for this application, make new friends, and post different problems that are not understood by them. Then, people from different backgrounds who are known for that problem will answer the questions.

Hash tags can help you to directly jump on a particular topic you searched for and it will be an important medium of communication as it can inform, warn, and enlighten people about their educational interests. But perhaps, it can be better described as a broadcasting tool. Different applications are present in the market but one major benefit of our application is that it does not have a character limit, now you don't have to think about information before circulating, you can freely type it. The benefits may seem endless when considering the power of a free communication tool being implemented by low-budget establishments such as educational institutions and non-profit organizations.

REVIEW OF RELATED WORK

Various reports have demonstrated that instead of turning into a constraint, Twitter offers students more chances, and some way or another; this intends to upgrade insightful vision and great relational abilities among the youthful age. This powers students to focus on a significant subject. **(Lowenthal, 2009)** claims that cooperation all through this mode is an expert path for students to learn [4]. By and large, the Tweets are delivered altogether freely, so

the essence of what students may post is frequently a genuine concern. The moderately straightforward interface needed to peruse and compose Tweets implies that there are a few assets accessible on mobile phones. This implies person can enjoy their Social media feed from practically any spot and whenever. After reviewing papers on the utilization of Twitter application in the field of study, we pointed toward making an application having highlights like Twitter.

Only one examination has been found to explore the impacts of Twitter-put together exercises concerning instructive results, which restricts our impression of whether the utilization of Twitter would help or block understudy learning. Advanced education frameworks are currently changing their basic structures **(Siemens and Tittenberger, 2009)** [5]. The significance of online media for the present youth frequently inspires instructors to investigate the additional estimation of instructive utilization of these media **(Hasan, 2013)** [6]. The Professors in **(Junco et al, 2011)** research in a like manner distributed tweets concerning task cut-off times, survey updates, and college movement cautions. Many examinations analyzed the impact on the inspiration of instructive employments of online media. An enormous number of these investigations found that web-based media, particularly Facebook and Twitter, expanded students' commitment **(Cole, Brynn Hibbert, and Kehoe, 2013; Evans, 2013; Rinaldo et al., 2011; Wang, 2013)** [7]. The more students utilized Facebook, the more they felt part of their group **(Dougherty and Andercheck, 2014)**. **(Bista, 2015)** reports four fundamental purposes that Twitter is utilized for by students at a state-funded college in the mid-southern United States: to get quick and successive course data; to pose inquiries to the educator; to refresh course tasks and to share supportive data from outside the reading material with their kindred cohorts and teacher. Advanced education frameworks are currently changing their basic structures **(Siemens and Tittenberger)** [8]. **Tang and Hew (2017)** recognized a few writing audits that blended discoveries of Twitter in instructing and learning [9]. They recommended socio-cultural contrasts being used and instructors' viewpoints are exceptional issues to be tended to. This writing audit looks at how Twitter, a specific social organization and part of the developing internet learning biology, has been utilized to help the expert advancement of advanced education scholastics.

We directed the articles and publications distributed somewhere in the range of 2005 and 2020. This investigation focuses on the possibility that effectively available micro blogging destinations can be moved from day by day use to instructional use, profiting the learning cycle. Consequently, the research examined how a social media application can be utilized as an instructional apparatus to distinguish its preferences and hindrances. Because of its prominence, the analysts chose Twitter. This investigation answers the accompanying sub-questions:

1. Is there an adjustment in the students' utilization of Twitter over the three periods of the course?
2. How do the students see Twitter as a day by day device and as an instructional device?
3. What are students' encounters utilizing Twitter in a learning activity?

We intend to comprehend the use of Twitter in different instructive settings by methodically looking into the earlier exploration. A few investigations pass on that web-based media majorly affects the student's reasoning. We are taking care of this issue by building an application simply like some other online media application, where students and instructors will connect yet that would give them just information and important substance alongside fun.

METHODOLOGY AND METHOD

Guided by the exploration questions, the accompanying incorporation models were applied:

1. The exact exploration must be led with Twitter.
2. The observational exploration must incorporate exact discoveries with genuine information.

We found that majority of studies were descriptive in nature. A couple of studies used trial configuration approach that thought about the utilization of Twitter versus non-Twitter use and that utilized target learning results estimates, for example, test scores.

So to respond to the above inquiries, we built up an application utilizing Android. At first, we presented the Android studio 3.5 and Parse worker on our PC. From that point forward, make an arrangement in Gradle and design a venture in android and make android code and associate that with the database. When there is a legitimate association then we will set module application and compose a code for building Gradle. For connecting the application in cell phone, we associated the Android code with the portable through information link and run the code and the application will run in cell phone. Working methodology is shown in Fig 1.

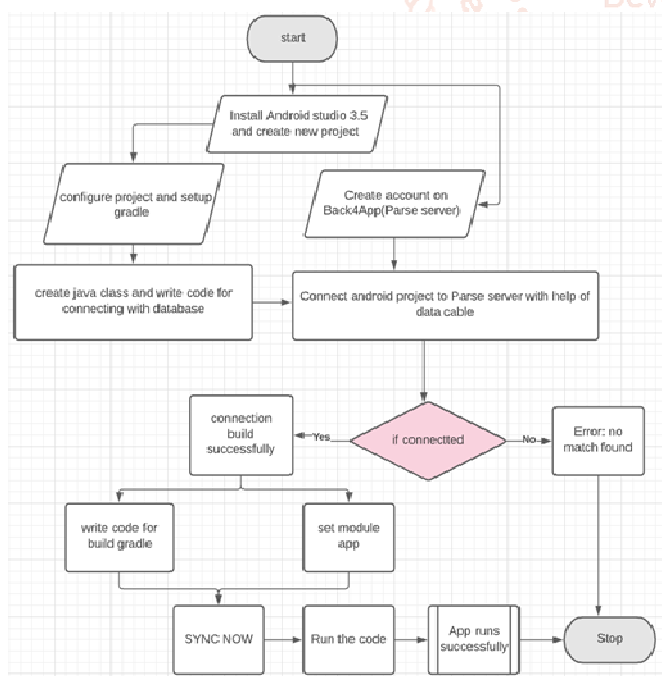


Fig 1 Working methodology

DESIGN

These designs depict different interfaces. Fig 2 shows the login and sign up page and how does the UI look when we sign up for an account or if we have an account, login interface appears in front of our screen.

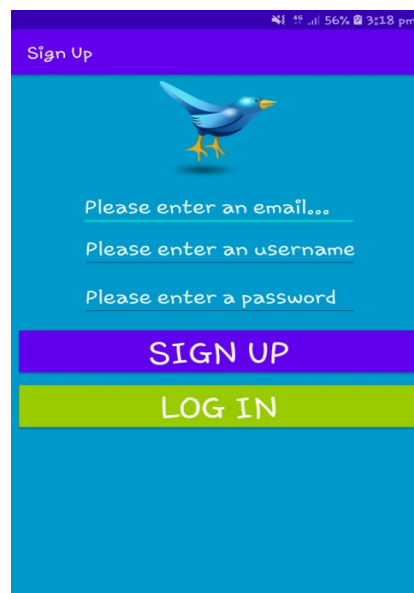


Fig 2 Login/sign-up page

FUTURE SCOPE

Firstly, Tweedle a well known micro blogging long range informal communication site. Tweedle is utilized in schools- It is likewise used to show the significance of the learning material and to improve it. For example, with open education resources, this can be found on Tweedle. Tweedle can likewise be utilized in advanced degree, research or for learning in an expert setting and it empowers singular, self-guided learning. When taking a gander at the structure of the earlier examination, we have discovered that there is an absence of variety inside the investigations led, as the majority of them are contextual analyses and arranged towards not many controls. This has left us with information that can't be easily summed up. As it *wasn't* so for a long time ago Twitter got presented in different *instructional* settings, there has additionally been a serious absence of longitudinal examinations. Likewise, there is a solid need just as a longing inside the scholarly network to additionally extend through abusing advanced follow information (netnography) and inferential information. With the more noteworthy measure of Twitter information and clients at present available, both of these restrictions can be tended to. Concerning examines did in different scholarly trains, there is a further need to lead concentrates inside expressions and regular sciences as the examination has so far focused on applied sciences and instruction spaces. Further, we will publish our Android App on Google Play Store so that students from all over the world can install and use it.

CONCLUSION

The use of social media apps discussed in this review paper represents that how students are trading off investigations because of absence of happiness in the lectures. With the progression of time, students are collaborating with the teachers by means of online media as they think that it's fascinating. Our examination pointed toward making such an environment for the students by building up an android application which will go about as a wellspring of reward not only during lectures but also afterwards. In light of the audit of our writing, we proposed a few guidelines for utilizing our application and offered proposals for the future work. We trust that this literature review will advance further research among researchers keen on utilizing Twitter for learning as well as teaching purposes.

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