Role of Mobile Applications in Developing Communication Skills in Covid 19 Period-A Survey

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Abstract— **The present study uses survey method to analyse the role of mobile application in developing communication skills. In the past decade, various studies were conducted on MALL and mobile learning. The study also analyses the various multimodal tools used in the language learning. Technology has given arises to various teaching methods and learning practices and incorporating the multimodal in teaching results in effective learning. In 21st century, pandemic has to be considered as a boon, which facilitates development of remote learning and digital learning. Various websites, applications utilize the pandemic situation and has developed Language based application. Language based application plays an immense role in developing communication skills. Many applications have emerged during the pandemic to facilitate effective learning at home. These applications have promoted additional learning outside the classroom environment. Integration of these application in language learning will facilitate better communication skill among the learners.**

Index Terms— *MALL, Multimodal Tools, Mobile Learning, Mobile Application, Digital Learning, Remote Learning.*

INTRODUCTION

Coronavirus in 2020-2021 has brought many changes in education field as it sped up the choice of innovation in instruction to set out more open leaning through internet. Online learning permitted the learners to work through the learning material at their own speed, level and time. Mobile applications are cost free and they are easily available for the smartphone users. Education is one of the critical segments for a person's prosperity. It can shape one's life the correct way. Education is a cycle of granting or getting information, fostering the forces of thinking and judgment. It plans oneself or others mentally for develop life. It improves the individual existence of individuals as well as their local area. Subsequently, one can't disregard the meaning of Education throughout everyday life and society. The significance of education in life is enormous. It works with quality figuring out how to individuals for the duration of their life. It teaches information, conviction, ability, qualities and good propensities. It improves the method of living and raises the social and monetary status of people. Training improves life and tranquil. It changes the character of people and causes them to feel certain.

EDUCATION IN INDIA

In India, education is an established right of each resident. Along these lines, individuals of all ages bunch, religion, station, statement of faith and area are allowed to get education. An informed individual is regarded all over and very much treated in the public eye. As a child, each youngster fantasies about being a specialist, attorney, engineer, entertainer, sportsperson, and so on These fantasies can work out through instruction. In this way, interest in training gives the best return. Knowledgeable individuals have more freedoms to improve work which causes them to feel fulfilled. In schools, education is separated into various levels, i.e., preschool, essential, optional and senior auxiliary. School training includes conventional realizing which gives the learners a hypothetical information. Nonetheless, presently different endeavours are being made to set up inbuilt application-based learning by adding various tests, practical and extracurricular exercises in the school educational plan.

Education in current pandemic (effectively more than 14 months old) has made three things as significant

element. It has demonstrated undeniably that we need schools, independent of which country one discussions about studies and guardians need schools to open and capacity in full magnificence, with proper precautionary measures. Besides, it has shown that innovation may end up being valuable in schooling in the event that it is utilized mindfully. Arbitrary surfing of the Web may prompt an assortment of snippets of data that don't amount to any importance. Besides, there can't be any authoritative techno-administrative answers for the etymological and social heterogeneity of studies; Innovation should assist us with regarding singular, peer gathering and local area needs and goals. Thirdly, a group of the endeavours of people in general, common society and private venture should occur in the event that we wish innovation to seriously intercede among school and home, especially among oppressed gatherings.

EDUCATION OVER 20 YEARS

Twenty years prior, training depended on books and talks, presently, it's iPads and websites. Before, education would need to go through hours in libraries glancing through books for a venture or exploration. With the enormous benefits of having the Web readily available, we can change those long periods of surfing through books into 30 seconds. One significant contrast that has changed through the educational program in schools is showing understudies abilities rather than content. Before, education was plunked down and advised to retain the real data of subjects. Since educational program extended and is making education work in a gathering to think about, contrast, and examine those themes to build their insight and work on their relational abilities which will come in more supportive in their future instead of knowing realities.

Educators are needed to go to proficient improvement gatherings to figure out how to change their homeroom to find a way into the every now and again changed educational plan. A set of experiences educator 20 years prior had a great deal of material to show perceiving how much history there is out there. In any case, inside those 20 years, so much has happened that understudies should be instructed about. This is a test for those making the set of experiences educational plan since they need to sort out which occasions are really worth instructing about. With the

numerous progressions in our general surroundings, our educational plan is acclimated to fit individuals we need to become to succeed one day.

ROLE OF INTERNET IN EDUCATION

It is astounding how much data innovation has changed schooling in the previous 20 years. In 1998 the web was by and large generally received however its potential as a driver for online instruction had not yet been figured it out. With completely online projects flourishing in the present schools and colleges, how about we center a spotlight around how the most recent twenty years have changed training to be more powerful and available to a larger number of individuals than any other time before. The first online instruction courses in the last part of the 1990s were independent plates that were transported to understudies similar as the correspondence courses that used to be sent through the mail. This had an exceptionally restricted utility and offered little help to the understudies who took the courses. Nonetheless, for some understudies like guardians with little kids or people with inabilities, it was frequently the solitary choice for encouraging their schooling.

WEBSITES AND APPLICATION IN EDUCATION

As the web speed improved in the mid 2000's and applications, for example, Chalkboard got standard on school grounds, the choice of adapting completely online quantifiably improved. The present online understudies can appreciate a nature of instruction equivalent to any learner who is taking classes on campus. There are numerous advantages to internet discovering that you might not have thought about when attempting to settle on the web or in-person degree programs. One clear advantage is that in the event that you live far away from grounds or live in a spot bound circumstance you can in any case go to your preferred College in spite of the distance in question. It is likewise helpful in the event that you are working an everyday work and may have the option to take care of your homework at odd hours when no classes are planned. To those with handicaps, internet learning may give more straightforward strategies for convenience that will assist you with conquering the difficulties that have kept you down. In the event that you are a self-starter who has the drive and capacity to

work alone you may flourish in the internet learning climate.

ADVANTAGES OF ONLINE TEACHING

There are numerous advantages of web-based learning like adaptability, a lot of decisions, money saving advantages, agreeable climate to consider, propelling your profession even while you are working, acquiring abilities that are transferrable, abstain from driving and learning at your own home. Moreover, it likewise assists you with creating self-control and makes you join study bunches from better places to get viewpoints. With the advancing of EdTech space, new applications are coming ready for learning in a hurry. This will be profoundly valuable for understudies as it clarifies the idea whenever and at any hour of the day. While you are considering on the web, all the documentation is saved in the drive and henceforth the understudies can just zero in on learning. They don't need to aggregate notes or compose notes.

PRODUCTIVE CLASSROOM TEACHING

Presently a-days internet instructing/coaching has become a pattern. While numerous instructive foundations are going the virtual course, there are not many organizations who actually understand the advantages of keeping up study hall educating. Exploration has demonstrated that homeroom showing impacts the understudies as well as the instructors. Both internet coaching and homeroom training alternatives of examining are helpful, in any case, you can pick according to your relaxation. Fundamentally, the education is critical to empower and persuade community learning. Shared learning expands learner's mindfulness about how understudies learn and empowers them to learn all the more effectively and adequately, changing them into sharp students inside and past the classroom. Classroom training improves understudies' basic reasoning abilities. Study hall reading gives a chance to understudies to participate in live conversations where they can all the more likely use their basic deduction abilities to voice sentiments or include in an argument. When understudies are in a homeroom, they learn social collaborations with peers, make companions, and furthermore build up compatibility with instructors. It is imperative for youngsters to grow socially alongside their scholastic education. Classroom instructing instills struggle settling abilities, show abilities with regards to introducing their thoughts unquestionably before peers, creates camaraderie, and instructs them to coexist with those from various social backgrounds. Classroom educating teaches struggle settling abilities, show abilities with regards to introducing their thoughts certainly before peers, creates solidarity, and instructs them to coexist with those from various social foundations.

THE MAJOR DIFFERENCES BETWEEN TEACHING ONLINE AND ON CAMPUS

The primary contrast among on the web and disconnected learning is area. With disconnected learning, members are needed to make a trip to the preparation area, regularly an auditorium, school or study hall. With internet learning, then again, the preparation can be led from for all intents and purposes anyplace on the planet. Members essentially need to sign on to the web from their home, work.
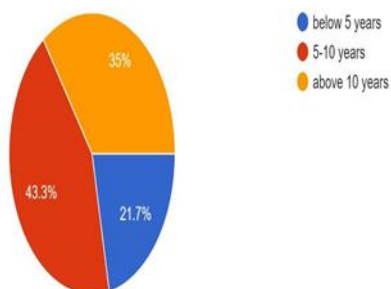
Another distinction is the adaptability advertised. Web based adapting generally has a more adaptable timescale. As a mentor, you can offer your help by means of email or through an online visit framework. With disconnected learning, it is ordinarily completed between available time and doesn't offer as much adaptability to the student or the mentor. Other than these two contrasts, the advantages of learning on the web or disconnected are basically something very similar. Online capabilities are similarly pretty much as globally perceived as disconnected ones and the norms of learning are additionally indistinguishable.

ZOOM CLASSES

Schools can utilize cooperative Zoom study halls for understudy commitment and learning. Highlights, for example, a single tick content sharing, computerized whiteboarding, bunch visits and more guarantee expanded understudy cooperation and learning maintenance. Instructors can utilize different devices accessible to monitor both participation and consideration. They can likewise make facilitated recordings to empower the understudies to learn at their own speed.
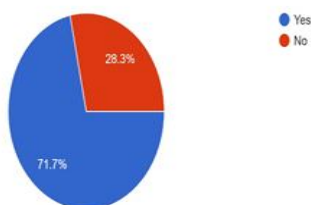EKSTEP

How many years have you experienced in using a mobile phones (Smart Phones)?
60 responses

● below 5 years
● 5-10 years
● above 10 years

This is a collective open learning stage offering impartial admittance to learning openings for each kid. Instructors can utilize the medium to make and distribute intuitive substance for their understudies. This on-request stage contains instructive recordings that understudies can utilize, whenever and anyplace. This stage likewise works with the estimation of learning results and constructs an open system to remember venture for scale.

Do you have the habit of installing and using mobile applications to develop language skills?
60 responses

● Yes
● No

GOOGLE CLASSES

This is an application that instructors can without much of a stretch use to bestow learning and oversee coursework in the current world situation of intentional school terminations to protect understudies. Instructors can adjust it to make classes, allocate assignments, grade answers, and send in their input.

"There is a rapid increase in adoption of mobile technology for language teaching and learning. Mobile Assisted Language Learning (MALL) provides easy access for any learner without the constraints of both place and time (Gangaiamaran,Pasupathi, 2017)".

"Benefits of mobile application in Education include More social, Entertainment, Round the Clock Availability, Effective Utilization of Leisure hours, Alternate modes of learning, Fun and informal (Gangaiamaran,Pasupathi, 2017)".

Pandemic has curbed every field in to online centred work. Online teaching through applications, websites and software has became the recent trends in teaching. Language teaching and learning has brought lots of interfaces to provide effective learning and it includes, games, crossword puzzles, fun word games, dictionary, language websites, online courses etc. Games and mobile application plays an important role in developing language among its users in the pandemic.The present study focuses to analyse the role of mobile application in developing language skills in pandemic.

The study will enlighten the readers with the role of L2 communication skill among the learners and also elucidates the effective role of mobile application in developing communication skill during the pandemic period. The readers will apprehend the importance of developing communication skill in 21st century due to emerging competing fields. The readers will acquire the knowledge about the various mobile applications that has been created in pandemic for developing language skills.

METHODOLOGY

Survey method is employed in the present study. Questionnaire is used as a survey tool. A questionnaire was prepared to analyse the role of mobile application among the learners. The questionnaire includes 14 questions related to the mobile application, its usage frequency in pandemic, and its role/ effectiveness in developing the language skills. The questionnaire was circulated among the participants. The participants belong to the age group -10-50.

RESULTS AND DISCUSSION

Age Group & Gender

Most of the respondents are from age group 20-30, of 60 responses they constitute 70% (N=42) of the population. 10% population were from 10-20, whereas 21% were from above 30 age group. The graphical representation of the population's Age group is mentioned below. The majority of gender who responded in the study were female respondents. In 60 respondents, 53.3% were female and 46.7% of respondents were male. This proves that in 21st century, women also uses smart phones in competence with that of man. The graphical representation of the population's gender information is mentioned below.
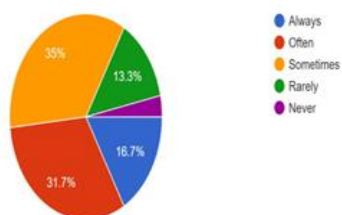
No. years of experience in smart phones usage

Most of the respondents possess 5-10 years of experience in smart phone usage, over 43% have the experience of 5-10 years in smart phone usage. 35% of the respondentshave experience of above 10 years, whereas over 21% of the respondents have the experience of below 5 years in mobile phone usage. The graphical representation of the population's mobile phone experience is mentioned below.

Frequency of Installing and using Mobile Application

In 60 respondents, over 71% of the population have the habit of installing and using mobile applications in their smart phones, whereas over 28% of the population affirms that they don't install and use mobile application. It is evidently clear that applications were frequently used by the users to acquire knowledge. The graphical representation of the population's installing frequency of mobile application is mentioned below

How often do you use mobile applications like dictionary apps, spelling apps and grammar based applications?
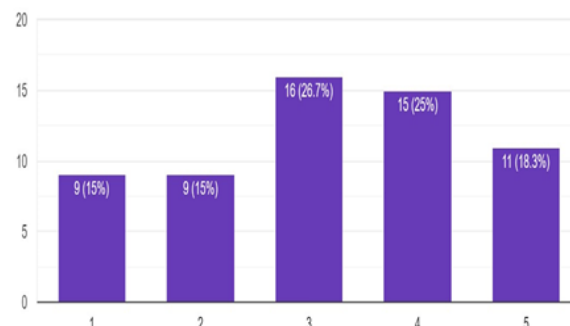60 responses

Frequency in using Dictionary apps, spelling games, and grammar-based applications.

Over 16.7% of the total population says that they are using language-based application frequently on a daily basis, where as over 31% of the total population affirms that they use language-based application often in day-to-day life. 35% of the population says that they use language-based applications occasionally and 13% of thepopulation says that they use language-based applications hardly. Only 1% of the respondents responded that they never used any language based applications. The graphical representation of the population is mentioned below.
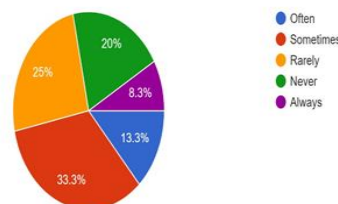
Frequency of using mobile application games in Covid-19 Lockdown.

How often do you involve in learning pronunciation and speaking skills using mobile applications?
60 responses

Over 8.3% of the total population says that they are using language-based gaming application frequently on a daily basis, whereas over 13.33% of the total population affirms that they use language-based gaming application often in day-to-daylife. 33.33% of the population says that they use language-based gaming application occasionally and 25% of the population says that they use language-based applications hardly. Only 20% of the respondents responded that they never used any language- based applications. The graphical representation of the population is mentioned below.

Have you played word games, English puzzle games and spelling games in the Covid-19 lockdown?
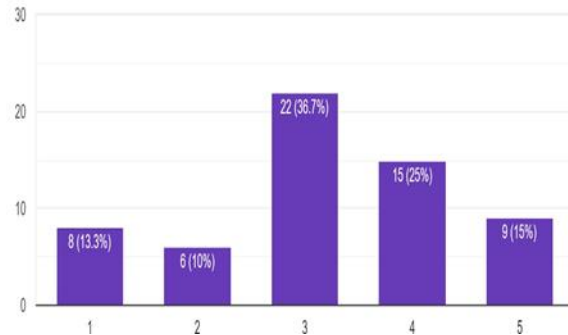60 responses

Involvement of the respondents in learning pronunciation and speaking skills using mobile application.

Over 15% of the total population says that they are using language-based gaming application learning pronunciation and speaking skills using mobile applicationfrequently on a daily basis, whereas over 15% of the total population affirms that they use language-based gaming application learning pronunciation and speaking skills using mobile application often in day-to-day life. 26.7% of the population says that theyuse language-based gaming application learning pronunciation and speaking skills using mobile application occasionally and 25% of the population says that they use language-based applications learning pronunciation and speaking skills using mobile application hardly. Only 18.3% of

the respondents responded that they never used any language-based applications learning pronunciation and speaking skills using mobile application. The graphical representation of the population is mentioned below.

How will you rate the learning pace of communication skills after using the applications?

60 responses

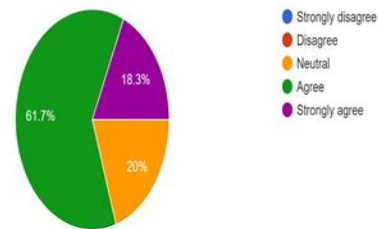Rate of Learning pace of communication skill after using the application

Over 13.3% of the total population says that there Learning pace of communication skill after using the application is very high, whereas over 10 % of thetotal population affirms that there Learning pace of communication skill after using theapplication is high. 36.7% of the population says that there Learning pace of communication skill after using the application is considerable and over 25% of the population says that there Learning pace of communication skill after using theapplication is low. Only 15% of the respondents responded that there Learning pace ofcommunication skill after using the application is very low. The graphicalrepresentation of the population is mentioned below.

Role of Mobile applications in developing the language skills among its users

Over 18.3% of the total population says that they agree that Mobile applicationsplay a major role in developing the language skills among its users, whereas over 61.7% of the total population affirms Mobile applications play a major role in developing the language skills among its users. 20% of the population stays neutral to the opinion Mobile applications play a major role in developing the language skills among its users.

"Mobile applications play a major role in developing the language skills among its users"- Do you agree?
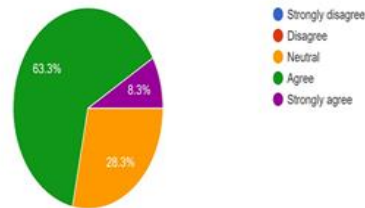
60 responses

Language based mobile applications play an important role in developing language skills and subskills among students, analogously it develops their language performance in academic grounds

"Language based mobile applications play an important role in developing language skills and subskills among students, analogously it develops...ic grounds"-Do you agree to the statement above?

60 responses

Over 8.3% of the total population says that they agree that Language based mobile applications play an important role in developing language skills and subskills among students, analogously it develops their language performance in academic grounds, whereas over 63.3% of the total population affirms that Language based mobile applications play an important role in developing language skills and subskills among students, analogously it develops their language performance in academic grounds. 28.3% of the population stays neutral to the opinion that Language based mobile applications play an important role in developing language skills and subskills among students, analogously it develops their language performance in academic grounds.

CONCLUSION

The Coronavirus has brought about schools closed the whole way across the world. Worldwide, over 1.2 billion kids are out of the study hall. Accordingly, education has changeddrastically, with the particular ascent of e-learning, whereby educating is embraced distantly and on computerized stages. It recommends

that web-based learning has been appeared to expand maintenance of data, and take less time in learning and teaching experience.

Results shows that the majority of population uses smart phone and they have installed and frequently used the language applications like spelling game, word games, puzzles, dictionary etc. 60 participants have taken the survey, of which 71% of the participants affirms that they frequently download language-based applications during pandemic. 35% of the users affirms that they use language applications often and 80% of participants affirms that they often play language-based games on daily basis. Results clearly profounds that language based applications play an important role in developing language skills. Consistency, effective comprehension and clarity is important features in language learning through mobile application.

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