

ANDROID SPELLING GAME

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**IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR
THE DEGREE**

**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
COMPUTER GRAPHICS AND ANIMATION**

MARCH 2016

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Chapter I

INTRODUCTION

Project Context

"We consider the education of young children to be work of enormous" (Moorestown Friends School).

According to Jones, (2009), in an age when school was restricted to children who had already learned to read and write at home, there were many attempts to make school accessible to the children. The importance of providing children is easy when compelled to them. Between those sounds and the spelling patterns that represents the goal of this game is to enable beginning readers to decode new written words and by applying their skills to think and practice the proper spelling of each words and letters.

This time has a big contribution for our daily lives especially those tutorials that are related with spelling. Spelling is very important for now because pupils cannot write a poem or a statement if they cannot spell a simple word. In an early age of the child they need to take this game in order for them to be a good learner someday.

A spelling game provides an opportunity for children to get the spelling skill to read most two syllable words. These very young children



learn through spelling activities including many creative methods that make the children spelling program fun for them.

Spelling skills should be developed as part of an overall language arts phonemic awareness, reading comprehension, vocabulary and reading fluency, reading and writing program. Children should develop their foundational spelling skills through an interest in words, and playing of spelling games. Skilled and fluent readers are the culmination of the successful learning of a broad array of pre-reading and reading skills. Irrespective of family background, learning to be a skilled speller is often not a trouble-free process. Spelling programs, personalized tutoring, reading workbooks, spelling games, and structured computer spelling programs can help reinforce these skills.

Spelling is a very important skill that kids need to succeed. Good spelling has been found to enhance fluency in reading and writing. It also helps boost confidence and academic ability. Good spelling skills continue to be important as students grow older and begin writing essays and lengthy assignments. Regular readers usually have good spelling and vocabulary skills, but there are other activities as well that strengthen spelling skills. Spelling will only improve with writing practice but poor spellers are often reluctant to write. When working on spelling, the emphasis should always be on having a go, rather than on the correct spelling of every word.



Nowadays, kids are very playful and they love to play those game or tutorial in their computers. In the advent of modern technology, teaching the kids in their spelling is easier than before.

Every parent wants their child to be intelligent yet hectic schedule in the respective fields of works dampens their dreams of child rearing. This is the reason why a study similar to spelling is being conducted. We are conducting this study to help those children's who are willing to learn and to have fun when they are using this game.

If a parent's goal is to make their child a master the art of spelling by different words, they need to play this tutorial because this is a game to make the children more efficient by providing the knowledge of children which will develop their creativity and productivity.

Spelling will improve with writing practice but poor spellers are often reluctant to write. When working on spelling, the emphasis should always be on 'having a go', rather than on the correct spelling of every word. It is important for tutors/teachers that they do not 'teach' spelling as such, but rather equip the learner with a number of strategies they can use to help them with their spelling abilities. Many students believe that English spelling has no structure. However, it is important to point out to learners that many words do follow a pattern.

Learning how to spell helps to bridge the connection between the letters and their sounds, and learning high-frequency "sight words" to



mastery level improves both reading and writing. Teaching spelling systematically can also dispel the myth that spelling is unpredictable and too confusing for all but those with a natural gift for it , which often happens when a "correct mistakes as they happen" approach is taken. The idea that English is too mixed up to make sense of is a myth perpetuated by lack of instruction and poor teacher preparation. Spelling is not simple, but when people understand its structure, it is perfectly decidable and not limited to people "born to spell" to understand.

Spelling is important because it aids in reading. It helps bridge the connection that is shared between sounds and letters. Learning high frequency sight words also has been shown to help with both reading and writing. This is why students learn sight words during their early years. Spelling and reading also have a common factor, proficiency with language.

Children should be relaxed about spelling; if not, it will inhibit their writing. They will be less willing to write out their assignments. When you listen to a struggler speller speak or read something that he or she has written, it is impossible to not notice that their choice of words may be poor or limited. This is very unfortunate because writing is something that we do throughout our lifetimes. Bad spelling also gives others a bad impression about them. No matter what you say, if the



spelling is poor, the reader will notice this before anything else. Punctuation errors often go unnoticed, but everyone notices spelling errors. As your child gets older and progresses through various grades, he or she will have to write reports and papers. Instructors at all grade levels, including the university level, will grade harshly on poor spelling. This will invariably affect your child's grade and possibly determine his future success in life.

You cannot place your entire future on the line by not being able to spell. Not only is the ability to spell necessary in most occupations, but a person also needs to be able to spell well in order to be able to communicate and take notes and directions. You could be trying to write someone a note that could possibly save his life, but if the person only sees a note filled with misspelled words, then that person may not be able to comprehend what you're saying. It's a stretch, but the message is clear. Spelling is so very important.

If you or your child struggles with spelling, there are many things that can be done to help improve your spelling skills. One of the most effective ways to improve your spelling in a short period of time is by using a spelling software program.

The study was conducted at Santa Maria West Central School, Sta. Maria, Ilocos Sur.



Purpose and Description

Teachers. This study would serve as an instructional material which would be used as an evaluation tool to measure the capacity of learners in spelling.

Pupils. This study would serve as a guide for learners and gamers alike to learn the art of spelling from simple and complex words.

Parents and Guardians. This study would serve as their partner in teaching their child to be a good speller.

Researchers. This study would serve as their guide for developing their skills in developing this software.

Future Researcher/s. The future researchers can use this study as their future reference.

Statement of Objectives

The study aimed to develop an android spelling game, which pupils can learn about the proper spelling of words.

Specifically, it sought to achieve the following:

1. To determine the functional and non-functional requirements of the system.



2. To create a tutorial game related to spelling for the grade four.
3. To test the usability of the system by the grade four pupils.

Scope and Limitation

The study was conducted during second semester of SY 2015-2016 at the Ilocos Sur Polytechnic State College, Sta. Maria, Ilocos Sur. The proponents developed a Spelling Game for the Grade 4 pupils of Santa Maria West Central School, Sta. Maria, Ilocos Sur. Spelling Game is an android application for grade four levels. The system has an educational animated and non-animated graphics and videos that gave learners to learn more about the correct spelling of words. The system only focused on words which consist of five to seven letters for the entire grade four of the said school. This system has a server and has three elements: Text, Image and Video. The researchers used the AppyPie to create an application "Android Spelling Game".

The pupil of the said school does not have system capability to answer what they want to ask. The android does not work or open if it is not connected to internet like wireless fidelity or WIFI and mobile data.



Chapter II

REVIEW OF LITERATURE

Functional and non-functional requirements

This literature review looks at the three of the best practices for teaching spelling. Rote memorization is the first category of spelling that will be discussed with an emphasis on visual memory. Second, language-based approaches are outlined with sub-categories including phonemic awareness, alphabetic knowledge of words. Lastly, a developmental spelling approach is discussed with a subcategory including the theory of psycholinguistics.

According to Meriem (2010), nowadays many students have problems in writing because they are not able to spell words correctly.

There is also possibility that students have lack of interest or the presence of undesirable attitudes towards spelling instruction (Adams-Gordon, 2010).

Spelling ability refers to the personal skill that involves an activity of forming words from letters, or conversely the process of naming the letters that form a word (Ginger Software, 2011).

According to Al-Saudi (2013) comments that a student failed to identify pronunciation that heard when spell out the words.



If a child, or an adult, hears a sequence of sounds sees them visually represented, feels the sequence in their mouth and reproduces the symbols with their hand, their awareness of the basis of written language is awakened. They feel that they can control it – and what they can control they can use. No one sense is left to flounder and the fear of the printed word, which so often besets adult illiterates and failing teenagers, is removed. The senses which they employ for normal communication, speech and hearing, are being involved in the written language which has previously defeated them.

Bad spelling also gives others a bad impression about you. No matter what you say, if the spelling is poor, the reader will notice this before anything else. Punctuation errors often go unnoticed, but everyone notices spelling errors.

According to Adams-Gordon (2010) explains that it does not matter who is doing the reciting, whether a teacher, recording or himself. This technique is chosen as the base concept because recent researches have showed that the more senses incorporated into the learning process, the more efficient learning becomes for all types of learners.

According to Sangay Jamtsho (2014) describes the English spelling as the “most complicated” among other languages.



Spelling game

According to Okrent (2013) also agrees and compares English spelling as “a cruel prank” for learning kids and even adults.

According to Harbeck (2013) describes English spelling as “terrible” and “crazy” because even natives find difficulty in it.

According to Halmond & Hodonicky (2014) they compared and distinguished the significant main differences between Word Study and Traditional Spelling: Differences between Word Study and Traditional Spelling Word Study Traditional Spelling, Small group facilitated skill instruction, Whole group skill instruction, Hands-on learning and self-discovery based, Rote drill and memorization, Student centered constructivist learning, Repeated practice, Authentic repeated practice: Small group, Partner work, Independently Note.

According to Bafile (2012) agrees with the effectiveness of using game to teach spelling. Dripple (n.d.) believes that spelling word games are very motivating and encourages students to learn through the use of strategies, providing immediate feedback and encouraging teamwork.

Usability

According to Scott (2010) confirms that spelling carries an impact on the quality of student writing, but at the same time, it helps students to understand how words work at the level of sound, structure and meaning.



Spelling is important because it aids in reading. It helps cement the connection that is shared between sounds and letters. Learning high frequency sight words also has been shown to help with both reading and writing. This is why students learn sight words during their early years. Spelling and reading also have a common factor, proficiency with language.



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