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Let's Talk  
Final Year Multimedia Project  
2019

## **Abstract**

*Summary of Everything Included in the Paper (200 words)*

## **Introduction**

*Introduce and Describe the project, the aim, the motivation, the domain where the project is situated, a synopsis of the key design and technical aspects of the project (600 words)*

A contemporary tool for Parents to aid them in educating their Children about Puberty and Sex, Let's Talk will be an application targeted towards 8-12 yr olds and their Parents, taking the form of an interactive storybook, with characters guiding the child along a journey from childhood to adulthood. The idea behind the application is to make the learning of sexual education for children modern and safe. There is a lot of unsuitable content out there on the internet that is easily accessible for young children.

There is an increasing awareness nationally about the importance of Sexual Education and how the level and quality of Sexual Education received can affect a person's sexual behaviours and activities as they progress through life. Research shows a decreasing amounts of parents having conversations about Sex and Puberty. Let's Talk would provide a tool that makes it easier for a parent to have vital conversations with their children about Sex and Puberty. Let's Talk takes a new and interactive approach to a curriculum that has been taught in schools for decades. The application will be given in the form of a story mode featuring personalised characters for the child to choose themselves. The content for the application will not differ to what is already available online or in books, it is how the content is being delivered which gives Let's Talk a Unique Selling Point.

## **Individual Responsibilities**

*Description of their role within the project (600 words)*

Over the course of this project I took responsibility for the technical side of developing our application. My main role within the project was coding and producing the application, ensuring that the system technically works, that it is possible to navigate through the content and that interaction within the application is possible.

## **Methodologies/Methods**

*This should be discussed from the perspective of your role. Depending on your role you will have taken the lead on utilising certain methods and you should describe these in this section of the paper. (1200 words)*

At the beginning of this project I researched various different solutions for developing a mobile application to help us decide which approach would be the best fit for our project. I looked into using Android Studio, Xcode and PhoneGap ( a HTML, CSS and JavaScript based solution for producing native mobile applications). Each method of development had different strengths and weaknesses and hence I decided to also test out each method.

### **Phone Gap**

This is a program developed by Adobe which allows you to use HTML, CSS and JavaScript to develop mobile applications that can be exported to a format suitable for both iOS and Android devices. The program allows you to also test your application by downloading their application onto their device and entering a code that corresponds to that on the developers screen.

#### *Advantages*

- Using this method would allow me to build further on skills I have been developing throughout the course of my studies
- Will allow me to prototype and test very quickly
- Will allow us to develop an app that will work on both iOS and Android
- Free Software and plentiful online resources
- Application available for easily testing application on mobile device.

#### *Disadvantages*

- Lack of UI widgets
- May not be suitable for making a suitable commercially viable application

### **Discussion**

*In this section you should provide a critical evaluation of your project work . Discuss what you discovered through developing the project (what knowledge you have gained) and provide a critical review of how you might improve the process if you were to repeat a similar project.(1200 words)*

### **Appendices**

*Selection of articles, reports, or documents that back up statements made in the body of the paper.*

### **References**

*Contextualise your research and specifically your role in the project by citing other work that has influenced the direction of your project.Harvard Citation Style*

In Text : (Jennings 1997, p. 68)

Reference List :

Jennings, P 1997, 'The performance and competitive advantage of small firms: a management perspective', *International Small Business Journal*, vol. 15, no. 2, pp. 63-75. Available from: The University of Western Australia Library Unit Readings. [1 September 2004].