PROJECT PROPOSAL

INTRODUCTION

General Information Technology (GIT) subject was introduced to G.C.E (A/L) Grade 12 students in 2004 with the aim of uplifting computer literacy of Sri Lankan school children. This subject is taught in every school which conducts G.C.E.(A.L.) classes and every student who studies for G.C.E.(A.L.) should study this subject.

St Anthony's College Kandy is a school in Sri Lanka which follows G.C.E.(A/L) syllabus and there are classes from pre-grade to year 13 (Advance Level). The school Advanced Level section decided to conduct seminars in General Information Technology (GIT) for all the advanced level students. The main objective is to increase the number of Distinction passes within the school. This year, the seminars are open to all the friendly schools in Sri Lanka. This will help not only to increase distinction passes but also to promote the school as well.

They have decided to publish a General Information Technology (GIT) revision guide e-book to be distributed during the seminar. Ms. Ellen Watson-a senior teacher of the ICT fraternity contacted me and requested me to help them to prepare this eBook. For this purpose, they organized a meeting to decide and inform me as to what kind of electronic book (ebook) They need and explain the reason and other necessary details.

DELIVERABLES

An e-book which is attractive and fully functional, user friendly eBook will be delivered by this project. It would be integrated into a DVD disk drive. This DVD disk drive is consisted with a well-structured user-guide in which we find instructions on how to use the multimedia product. At the beginning of the seminar, it is expected to deliver 400 copies of multimedia product in DVD disk drives.

COSTS

The estimated costs for the project are shown below in Sri Lankan Rupees.

Type of Expense	Incorporates	Assessed Figures (SRI LANKAN RUPEES/RS)
Analyzing	Fee of Analyzing	RS.8,100
Designing	Fee of Designing	RS.84,000
Development	Fee of Development	RS.52,000
Electricity	Electricity Fee	RS.10,000
Reproducing	Cost of 400 Blank DVD disk drives	RS.384,000
Transportation	Total Cost of Transportation	RS.16,800
ESTIMATED COST		**RS.554,900**

According to the detail above 554,900 has been estimated as the overall cost of the project.

BENEFITS

The most important benefit of this project is to increase number of distinction passes and persuade more students to use ICT skills in their daily work. As the product is very interesting and attractive and has engaged in ICT, the students would be more interested to study it. In the DVD's that are to be distributed during the seminars will contain the school logo and school Colour which is definitely be a memento for the students. The other school students who are to be participated for this seminar will get an idea of the methods of teaching and standards of the school. If there are more A passes this time it would promote the standard of the school education. During the seminars the e-book would be delivered free. But, an entrance fee will be charged from the students, so there will be a profit.

POTENTIAL RISKS

There will not be any adverse effects on any of the devices connected to the DVD disk drives. If there is any adverse effect, it would affect the public image of the school. So, before that DVD disk drives are delivered to the school, all the DVD's will be thoroughly checked for immediate antivirus scans.
As the students rely on the information provided the multimedia product it should have accurate, reliable and most up-to-date information. The reputation of the school will be damaged if there are wrong information on the eBook provided. By proofreading the eBook and certified that the information provided are 100% accurate the risks can be minimized. In the first week of November 2018 seminars will be held and if the p roduct will not be delivered on time, the students would be disappointed since they are unable to give the multimedia product as they have promised earlier. This would lead to time and money waste if they are unable to deliver them on time. By using a project management software such as Microsoft Project 2016 the risk

can be reduced. Using these software's, the time taken to complete the project can be reduced. Thus project can be finished on time or earlier than expected.

Overall the risks are minimized and take measures to ensure nothing goes wrong during the project. Therefore, it is quite certain that the project will not fail but it will be a success.

TARGET AUDIENCE

All the G.C.E(A/L) students who will be sitting for the G.C.E(A/L) examinations are the target audience of this project. This project is very useful to teachers who teach General Information Technology to use as a resource (asset) material for revision. As the intended audience has been understand and identified. Therefore, the level best effort will be put in for the development of this multimedia product (ebook). So that its purpose can be done well.
The attention of this product targeted to produce a user-friendly, Informative and an Interactive product. Then it will attract the attention and interest of students towards the subject. As the end users require only the fundamental knowledge of using computers, this product will be simple and easy. Enabling the utilizers to use this eBook easily, a user guide will be integrated into the DVD disk drive.

TIMELINE

The full production time of the electronic book was assessed to associate with 3 month including the procedure of integration of the eBook into the DVD disk drive.
The 23rd of October 2018 is the final day for the completion of this entire project.
The due date is roughly a month ahead of the seminars. As the various tasks were divided into separate time frames we were able to get an approximate due date for the production of the multimedia product.

Task	Begin Date	End Date	Days Taken
Analysis	7th August 2018	16th August 2018	9
Designing	17th August 2018	27th August 2018	10
Prototyping 1	28th August 2018	2nd September 2018	10
Testing Session 1	3rd September 2018	4th September 2018	2
Prototyping 2	5th September 2018	16th September 2018	12
Testing Session 2	17th September 2018	18th September 2018	2
Final Development	19th September 2018	10th October 2018	22
Testing Session 3	11th October 2018	12th October 2018	2
Refinements	13th October 2018	20th October 2018	8
Reproducing	21st October 2018	29th October 2018	9
Handover	30th October 2018	30th October 2018	1

Project Resources

The Project resources are listed and clarified below:

Hardware Resources

- ❖ A high quality processor (minimum 2.0Ghz), High storage capacity (minimum 256Gb) and a high performance dedicated graphics card (minimum 512Mb) are included in a laptop as it is a portable device and everyone prefers to work with it.
- ❖ A printer with 3-in one facilities which can use to print, copy, scan all the required documents.
- ❖ High speed mobile internet device that can be accessed even without Wi-Fi facilities.

Software Resources

- ❖ Adobe Flash Professional CC 2015 –For Development and Prototyping of the multimedia product.
- ❖ Adobe Flash player- To watch SWF File formats through a web browser.
- ❖ Microsoft word 2016- To edit and make changes to the Documents.
- ❖ Adobe Photoshop CC 2015- To edit and export images in appropriate file formats.
- ❖ Microsoft Project 2016- To manage the project and produce Gantt charts for every task.
- ❖ Foxit Reader- To convert and make documents files in PDF format.
- ❖ Any Video converter- To convert and edit videos in appropriate formats.
- ❖ YouTube Video Downloader – To download videos from the YouTube in various resolutions.

Project Resources

- ❖ Head of School Advanced Level Section –Mr. Steve Jhonson

- ❖ Client- Ms. Ellen Watson

- ❖ Team members- Mr. Bryan Ferdinendz & Mr. Jhonethon Misso

- ❖ Peer Reviewer – Mr. Michel Faraday

- ❖ Supplier- Mr. Jhonny Anderson

Other Resources

- ❖ My Energy and Time (Project Manager)

PROJECT STAKEHOLDERS

There are various stakeholders in this project. Individual description of each of them is given below:

Mr. Sadeesha Jayaweera – Project Manager

Mr. Sadeesha Jayaweera is Presently studying at St Anthony's College kandy, Sri lanka as a 2nd Year Physical Science student and Also doing Edexcel international Advanced Level as a privet Candidate. On behalf of school he has been asked to undertake the project. Some of the tasks he has been entrusted as a project manager are managing the overall project ensuring that it meets the requirements of the clients, getting the approval from the senior management, assigning tasks to his team members and arranging for supplies from the supplier and receiving critisism from the peer reviewer.

Mr. Steve Jhonson – Head of Advanced Level Section (Sectional Head)

Mr. Steve Jhonson is the head of the Advanced Level section of the school. He has over 20 years experiene in this field since he has been working at his high positions in most prestigious schools in asia. He will contribute this project as a guider and an instructor.

Ms. Ellen Watson – Client

Ms. Watson is a senior teacher of the ICT fraternity, school. She is the event coordinator for the seminars. In November 2018, during the General Information technology (GIT) seminar sessions, she requested for the ebook to be created to promote and increase the distinction passes of the General Information Technology subject.

Mr. Bryan Ferdinendz & Mr. Jhonethon Misso – Team Members

On behalf of the project manager, mr sadeesha jayaweera, they will execute the tasks given to then as the team members.

Mr. Michel Faraday – Peer Reviewer

Mr. Michel Faraday is an advanced level teacher, school, who will work as the peer reviewer of our project work. From university of Cambridge uk he has got his masters in computer science. He is the absolute best individual to provide helpful criticism and comment on our multimedia product. He is the most suitable person for this role as he has 10 years of working experience in the relevant field.

Mr. Jhonny Anderson – Supplier

Our project stationaries and printing documents etc. are supplied by our main supplier Mr. Jhonny.He has agreed to give us with every stationary facility on time at the most wanted time.

WAYS OF TACKLING THE PROJECT

The project brought up by Mr. Watson can be tackled by producing a multimedia product which can be integrated into a DVD disk drive. In this eBook all the essential information about General Information technology at Advanced Level can be incorporated into this product. This would be a perfect method for handling the item. using appropriate types of software, this product can be made and such software could be:

- ❖ Microsoft PowerPoint 2016
- ❖ Adobe Flash Professional CC 2015

This software's both have pros and cons. Professionals use Adobe Flash Professional CC 2015 which is a highly advanced software, used to create videos, animations, audios, etc. In this software variety of animating and designing options. Thereby it can produce an attractive and interactive multimedia product in advance. These productions can be distributed and saved in different file formats, Specially in SWF file format (flash animation video).

However, this Microsoft PowerPoint 2016 software is more easy to use and simple to utilize. In all work purposes for creating interactive presentations, it Is widely used. However, there are little number of animating options available in this software when comparing with the Adobe Flash Professional CC 2015.Utilizing PowerPoint to create a multimedia product will be less time consuming than when utilizing Adobe Flash Professional CC 2015.It is a presentation style product that is created by this software (PowerPoint) as the final product and can be opened on any personal computer (pc)

According to the disadvantages and advantages mentioned above it was chosen that Adobe Flash Professional CC 2015 would be a perfect software that could be utilized to handle this product. Because of the wide assortment of Designing and Animating choices.