



De La Salle University-Dasmariñas
College of Science
COMPUTER STUDIES DEPARTMENT
Dasmariñas, Cavite

CPU Scheduling Algorithm
An Android Application

An Information Technology Capstone Project

Presented to
The Faculty of the Computer Studies Department
College of Science
De La Salle University-Dasmariñas

In partial fulfillment of the
Requirements for the Degree of
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

By

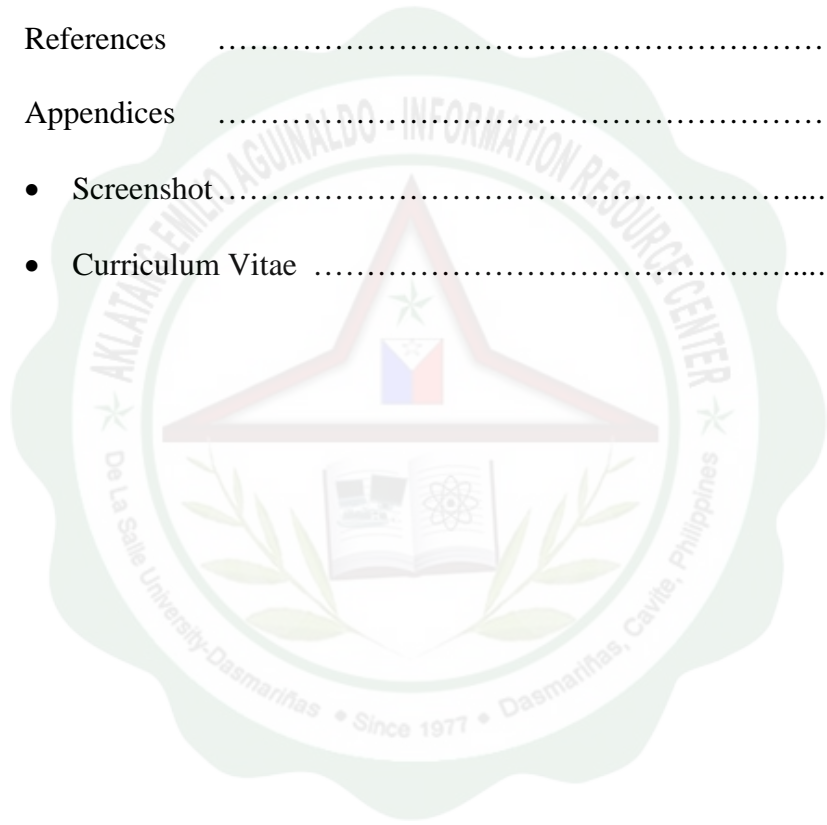
Carpio, Prince Lyndon L.
Manipon, Christian Vin Z.
Arellano, Francis Nico L.

February 1, 2014

TABLE OF CONTENTS

➤ Title Page	1
➤ Approval Sheet	2
➤ Certification	3
➤ Acknowledgements	4
➤ Table of Contents	5
➤ Abstract	7
➤ CHAPTER 1: Introduction	8
• Background of the Study	8
• Statement of the Problem	11
• Research Objectives	12
• Significance	13
• Conceptual Framework	14
• Scope of the Study	15
• Limitations	13
➤ CHAPTER 2: Review of Related Literature	16
• Foreign Literature	17
• Local Literature	20
➤ CHAPTER 3: Methodology of Study	25

- CHAPTER 4: Presentation of Results/Findings29
- CHAPTER 5: Discussion and Conclusion of Results and Finding...31
 - Summary of Findings31
 - Conclusion32
 - Recommendations32
- References34
- Appendices35
 - Screenshot.....36
 - Curriculum Vitae59



ABSTRACT

Android Application Development is an open source Linux based OS for mobile device. A software stack which has its own OS, Middleware and Key Applications. The main platform of android is Java, it uses java library and applications are coded in java, C++ and C (core) programming language. It's the only application which has more than 700,000 apps and many more are released daily. A leading industry in android market, which as higher growth. It is used in smart phones, tablets, ipad, watch, TV, MP3, DVR, etc.

Android was developed by Open Handset Alliance led by Google. The Open Handset Alliance includes nearly 86 hardware, software and telecommunications companies. The initial developer of android was Android Inc., and later Google purchased it. The Android code was released open source under Apache License. It was founded in Palo Alto, California, US, in October 2003 by Andy Rubin, Rich Miner, Nick Sears and Chris White. The Android Open Source Project (AOSP) is also led by Google and is tasked for the maintenance and development of android.

In the process of finding ways to help students of Operating System, In our conducted survey students are having a hard time in computing the result for the algorithm and some of the student are also having a hard time in doing the chart for the algorithm. The proponents know that the design of the system will affect the students in using the system.