

**MAZECAPE: A 2D ANDROID MAZE
GAME APPLICATION**

THESIS

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MAZECAPE: A 2D ANDROID MAZE GAME APPLICATION

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ABSTRACT

ROSANO, AYRRA R. and ROSANTO, CHARLENE Y. MAZECAPE: A 2D Android Maze Game Application. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. April 2017. Adviser: Ms. Lydia D. Perido.

The development of a 2d android maze game application was conducted to provide a game application for those who are not familiar in animals and for those to entrap the animals to sell. The user can educate them while being entertained.

The system is consisted of three (3) modules: Player Management Module, Game Module and Inventory Module. Player Management module, before the player start the game. They will choose one hero, the boy or the girl hero, after that they can start the game. It only allow single player; Game module focuses on the different game category: Land, Air and Water; and Inventory module includes the information of each animals.

The methodology used by the researchers was the Iterative Development Process Model. It consists of five phases: planning, requirements, analysis & design, implementation and testing, and evaluation. Ninety respondents participated in the evaluation of the system. The respondents are composed of eighty students and ten teachers. They evaluated the software based on its functionality, reliability, usability, and user-friendliness. The results were tabulated, analyzed, and statistically treated using mean and standard deviation.

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INTRODUCTION

Android phones are highly customisable and as such can be altered to suit your tastes and needs; with wallpapers, themes and launchers which completely change the look of your device's interface. You can download applications to do all sorts of things like check your Facebook and Twitter feeds, manage your bank account, order pizza and play games. (Gunaskera, 2012)

A maze is a complex structure with a series of interconnecting pathways. The term is also used to refer to a graphical puzzle that replicates the maze on a two dimensional medium. It is viewed as a puzzle that must be solved, and the solver must work his or her way from the entrance to an exit, or another location. Getting through a maze can be difficult, leading to the use of the word as a slang term for a complex process.