



## ABSTRACT

The special problem that the proponents have made is a checker software. This checker software implements the major techniques in Artificial Intelligence.<sup>1/</sup> This software does not only provide an entertainment but it also serves as a motivation for De La Salle University – Dasmariñas computer science students to continue the study on Artificial Intelligence.<sup>2/</sup> The general objective of this study is to develop a checker software that implements searching and heuristics. The proponents use rapid prototyping in developing the software.<sup>2/</sup> The main user of Dama Canto is the De La Salle University – Dasmariñas computer science students who want additional information and implementations of searching and heuristics.<sup>3/</sup> The software can be used by any checker player, in any level, because the software has two-player option. Even those nonchecker players can use the software because there's a help command that explains the rules of checkers and on how to use the software. "Dama Canto", was implemented using Microsoft Visual Basic 5.0.<sup>3/</sup>