**PROJECT PROPOSAL**

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| **PROJECT TITLE** | **Game Caro** | | |
| **SUBMITTED BY** | Group 29 | **PROJECT TYPE** | Python |
| **PHONE / EMAIL** | Phone: +84969376729  Email : group29@gmail.com | **TOTAL ESTIMATED BUDGET** | N/A |
| **DATE OF PROPOSAL** | 24/09/2020 | **VERSION NO.** | 1.0.0 |
| **PROJECTED START DATE** | 01/09/2020 | **PROJECTED COMPLETION DATE** | 03/11/2020 |

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| **PROJECT SPONSOR** Commissions delivery of and champions project; Provides vision and direction; Accepts responsibility | | |
| Group 29 | | |
| **PROJECT MANAGER** Confirms need for project and validates objectives; Provides specs, monitoring, and overall delivery | | |
| Co Le Anh Duy | | |
| **ADDITIONAL STAKEHOLDERS** | | |
| **STAKEHOLDER NAME** | **STAKEHOLDER ROLE** | **CONTACT INFO** |
| Nguyen Thanh Duy | Project implementation | duy3271@gmail.com |
| Nguyen Thi Uyen Cuong | Project implementation,  Secretary | [nguyenthiuyencuong@gmail.com](mailto:nguyenthiuyencuong@gmail.com) |
| Nguyen Duong Hong Dieu | Project implementation  Management schedule, time | hongdieupvt2000@gmail.com |
| Tran Son Hai | Customer | haits@hcmue.edu.vn |

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| **PROJECT OVERVIEW** |
| **SUMMARY** |
| Game Caro is written by Python language.2 player checkerboard is a popular folk game. It has grown into a trending online game |
| **OBJECTIVES** |
| * Know more about Project Management. * Improving knowledge about Python. * Improving teamwork skills. * Passing the subject with from 8 point to 10 point. |
| **DESCRIPTION OF SPECIFIC STEPS** |
| * This Law is used for 2 player checkerboard game. * The first player to place the first 3 pieces on the board according to the option. The following person will have the task of: * First: agree with the position that the person moves before presenting, you will go to the 4th move as usual. * Second: Disagreeing with the player who comes before the chess piece, you will create a new world by changing the inside or placing the next 2 pieces. * From there, the import flag will be continued to place the military flag on the table one by one. You will win if you have a sequence of 4 non-blocking pieces in horizontal, vertical, cross. Or have a continuous 5 chain block head. Otherwise, if you are blocked from both ends, the match will resume as usual. * Checking for 2 people requires many strategies to win. The player must always be flexible as well as have a foresight to have more benefits. |
| **DESCRIPTION OF RESPONSIBILITIES FOR IMPLEMENTATION** |
| * Compliance with the correct order, arrangement, assignment of specific jobs, meticulousness and error checking, the job must be completed within the time allowed. |
| **TECHNOLOGY** |
| * Python: Programming language * Pygame: Module * AI: Path Algorithm * Github: Code storage * Visual Studio Code: Programming tools * Google drive: Document storage * Facebook: Work online |

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| **TIMELINE / MILESTONES** | | | | | | |
| **MILESTONE** | | | | | **DEADLINE** | |
| Group organization (members, project, assignment) | | | | | First 2 weeks (01/09/2020-13/09/2020) | |
| Start the project. | | | | | 3th week (14/09/2020-20/09/2020) | |
| Project presentation. | | | | | 10th  week (21/09/2020-03/11/2020) | |

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| **SOLUTION** | | |
| **FUNCTION** | | **NAME** |
| **Team Leader** | | Anh Duy |
| **Project development** | | Anh Duy, Thanh Duy, Uyen Cuong, Hong Dieu |
| **Management schedule, time** | | Hong Dieu |
| **Build ideas** | | Thanh Duy, Uyen Cuong |
| **Project inspection** | | Anh Duy, Thanh Duy |
| **Secretary** | | Uyen Cuong |

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| **PROJECT BUDGET / COST OVERVIEW** | |
| * Python IDE for professional developers(Pycharm) in 2 months : 50$ * Buy icon for Caro game : 5$ | |
| **GRAND TOTAL** | **55$** |

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| **DOCUMENT HISTORY** | | |
| **DATE / VERSION** | **DESCRIPTION PROBLEM** | **CHANGES** |
| 12/10/2020 (1.0.0) | Create document | Created |
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| **DOCUMENT APPROVALS** | | |
| **ROLE** | **NAME** | **DATE** |
| **PROJECT SPONSOR** | **GROUP 29** | **13/10/2020** |
| **Sign** | ADUY | **13/10/2020** |
| **Printed Name** | CO LE ANH DUY |
| **Position** | Project Manager |