DEVELOPMENT OF WEB BASED ONLINE MULTIPLAYER SIMULATION GAME “FREELANCE SIMULATION” WITH CODEIGNITER FRAMEWORK

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Abstract
Along with the development of technology, the game development grown rapidly year by year. And the human need for gaming are increasing as one of alternative entertainment regardless of age or gender. It is an important things that trigger a variety of games, included online games.

“Freelance Simulation” is an online application web-based simulation game with the theme of the freelance world that can be played by many people at the same time (multiplayer). The purpose of this game application development is to create a game that can provide educational information for those who played this game, especially in terms of freelancer world.

The method that is used in this online multiplayer games “Freelance Simulation” is by applying the existing business processes within the site Freelancer.com and then implemented with the CodeIgniter framework.

The test was conducted to determine whether the business process simulation implemented in the game "Simulation Freelance" is appropriate and can be played simultaneously at the same time. Expected from the making of this game will be able to eliminate the public negative image about the bad effect of playing games and try to create a new simulation game that can provide an educational information and it can be loved by many people who played it.
Keyword: Codeigniter, Freelancer.com, Multiplayer, Simulation Game.