

## ABSTRACT

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*Sparring Game Center is a business in the field of game rentals or providers where gamers play. When gamers rent a rental, the calculation or rate is based on the length of time they have played the game. The Sparring Game Center not only rents Playstations but also sells drinks. So to make it easier to calculate the total that must be paid by gamers when they have finished playing the game. The author tries to make a program with the point of sales method for playstation rentals which is used to calculate the total that must be paid. This application development method uses the waterfall model. The programming language used to develop the application is PHP with the codeigniter framework and MySQL as the database used to store the required data. Application testing uses manual testing, application process testing and blackbox testing methods. The application is able to store the data needed in existing transactions, both service and sales revenue transactions which will produce an income report. Through the process and supported by development tools, a point os sales application is produced, especially the cashier module which has a transaction processing service feature.*

*Keywords : Point of Sales, Waterfall, PHP, Framework, MySQL*