

# ABSTRACT

## APPLICATION OF WATERFALL METHODOLOGY ON A POINT OF SALES APP (Case Study: Saiyo Restaurant)

by

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*Rumah Makan Saiyo is one of the favorite restaurants in Purwokerto. Currently, Rumah Makan Saiyo still has difficulty in seeing daily and monthly sales results because the manager of Rumah Makan Saiyo still uses conventional methods in recording sales results using paper. Lost and damaged sales records are some examples of the problems most often faced by restaurant managers. The purpose of this research is to create a point of sales application using the SDLC method. The development method in this research uses the Software Development Life Cycle (SDLC) Waterfall model. As for the testing method, the author uses the blackbox testing method and the system usability scale because both testing methods are benchmark standardization of testing a system. The results of the system evaluation from the tests that have been carried out on the functional aspects have successfully run well and also on the usability aspect managed to get a B grade with the predicate "Excellent", so it can be represented that the Saiyo Restaurant point of sales application can be used as a medium for recording sales results. Based on the results and discussion of the Saiyo Restaurant website-based point of sales application, it can be concluded that the point of sales website application has been made using the SDLC method and can record and visualize sales data. Based on BlackBox testing using the SUS questionnaire method, the answers from respondents were obtained with a score of 8- and included in the "Acceptable" criteria for use.*

**Keywords:** *Point of Sales, Sales Recording, SDLC, Website*