

Decision making task 2

Finance



Decision making task 2 al Affiliation) Recommendation The best strategy that can be adopted in decision-making is the two-cashier system. It is evident that an additional cashier would reduce the amount of waiting time for customers from 5 minutes to 20 seconds. The system would increase efficiency and improve customer satisfaction, as they do not spend a lot of time waiting in line.

With queuing, management and users may estimate the efficiency of a system. The tool projects the average number of customers in a system, the average time the customers spend in the system and the average utilization of the system. It also projects the average number of customers in the system, the probability of the customers being in the system as well as the average waiting time for the customer in the line.

Computer generated output

The output that will be obtained with consideration of the sales that will be made is as shown.

Quarter

Sales

2nd -2007

90, 000

3rd-2007

95, 000

4th-2007

98, 000

1st -2008

96, 000

2nd-2008

<https://assignbuster.com/decision-making-task-2/>

102, 000

3rd-2008

99, 000

4th-2008

118, 000

1st-2009

109, 000

2nd-2009

124, 000

Reason for the decision making tool

Of importance in the model is the fact that it informs management on whether changes are necessary in the system. With information from the analysis, performance may improve through implementation of some changes. The arrival rate of the customers may be altered, improve efficiency of the server, increase the number of the service facilities, priority rule as well as increasing the total number of lines within the system. Modification to the system could help Shuzworld improve performance through efficiency.