**CD++ Model Form**

**Title:** **FOOD COURT SURVEY**

**Type:** Cell-DEVS Model

**Acronym/Short name:** FCS

**Purpose for which Developed:** To do a survey on the performance of a food court.

Other Applications for which it is Suitable: To perform a efficiency check on different work place.

**Date Developed/Implemented:** 30th Oct, 2016

**Domain:** Management

**Current** **Version:**

**URL:**

**Description** (including characteristics): In this model we are surveying a food court, the things which we are taking into consideration are:

a. Number of customers in the food court

b. Waiting time for a customer in the queue before receiving the food order

c. Total customers standing in the queue waiting for their order.

d. Total time it took for the customer in the food court starting from the point where he ordered his food up until the point where he finally received his order.

Links to Related documents

Short Title:

URL:

Description:

**Keywords**: Ordering station, Cashier, Counter, Auditor

**Developer**:

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**Comments:** The compilation is OK, all the models are working fine. For some models we need to wait an extra while until the output is generated.

We have also amended our part 1(Food Court) to Food Court survey, where we are now calculating 4 parameters i.e. the no. customers expected in the food court, the no. of customers waiting in the queue, the waiting time of the customers in the food court and the waiting time of a customer in a queue. Whereas, in our earlier proposal we had a service desk at the entry, which was issuing prepaid cards to the customers and on the other had was keeping a record of customers. But, now the service desk has been eliminated and an automated Auditor system has been introduced which calculates our 4 parameters.