Experiment no 1

Title: Draw state model for telephone line, with

Problem: To draw a state diagram for telephone Defination line with various activities

Prenequiste: Software Analysis skills

Software: Drawio

Requirement

Learning: To learn and draw state model for objective telephone line.

Outcome: we understood the concept of state model, and to draw the state model/diagram

A state diagram is a graph whose node are state and whose directed arcs are transition between state which describes sequenced caused by event sequence. A state diagram typically models the common behavior of a class.

a state diagram is used to represent the condition of system on part of system at finite instance of time.

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2.	Transition - we use a solid arrow to represent the transition of control from one state to another.
	State 1 Event State 2
	State - We use a rounded rectangle to represent a State. A state represents the condition or circumstances of an object of a class at an instant of time.
	State
	Self transition - (ve use a solid arraw pointing back to the state self to represent a self transition. State A
	bresent final state in state diagram
	In this way, we studied how to draw a state nodel for telephone line.