Paya No. ( Chates / Vending Muchine Design Invention Peper 20da slag Insul" unda. Cash taice: Toutton Soda Soda -solves Product Jaice Water water Krazinda Faula Februa Cancol Pullon change Gay cancel / Rotand Rough user can insect coins Invert cash Lutton select Product Selection 11as Money V-M Stak State Button Idle DISPENSE discer Refund / carried Chaosing Scanned by Scanner Go

Page N	10.		
Date	1	1	

	State	operation
,	Ide	Ress insert Cash Button
	. Has Money	Insert Coin,
	The state of the s	Select Product Button
	and the same of th	Cancol Button
	Selection	choose Product;
	State	Cancol/Refund Return change
	A	Return change
		U
	Dispense.	
	State	Paroduct Dispense.

are renformed then we will use state design Pattern

Ex. Design T.V

State	
	change volume
ON	change volume
	off tv.
OFF	ON Button:
A	

## **Scanned by Scanner Go**

STATE DESIGN PATIERN K Interface >> Product State Throw Exception - Op2 or show Default ppn State State I the product has many states then the Dinterface will define all operations that can be performed by product -> 8 + State 1 performe Obs then it will implement that and show default behavior exception for other operations <! Interface>> operations can penforms state State Concrete classes implement these opposions.

**Scanned by Scanner Go** 

Page No. Date IMU OF KInterface >> State Gending Machine Press Insert Cash Button (Vending Mich) Insert Coin (VM) has Select Product Button (VM); Inventor choose Product (VM) ist obbis get Change ( ) update Inventory (M) dispense Product Refund Full Money (VM) or Canel Button (2) Selection Dispense Tille State Has Money Choose Brod() Dispension) Press Insert (ash Butt (); ( Insert Coin (); Refund (); Select Product () got Change () cancel Button ( 11 other throw exception item Then we can have ItemType Enum Item coke, Itemupe i, sodáj int I price Fanta, wateri

**Scanned by Scanner Go** 

