BEHAVIOURAL MODELING BY USING STATE TRANSITION DIAGRAM (STD)

BEHAVIOUR VS ATTITUDE

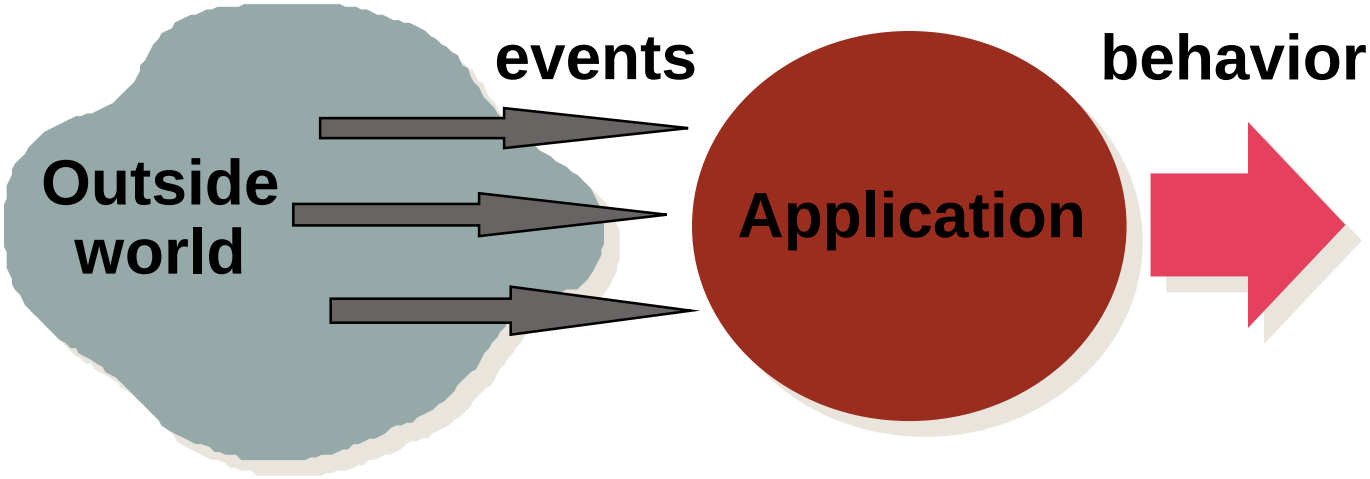
SOME NEGATIVE BEHAVIOURS

1. **O teri…**
2. **Shit...**
3. **Oops…**
4. **Taino pata main kon aa…**
5. **Too bahir nikal, tainoo main dasna…**
6. **To abuse on any event...**

CHANGE NEGATIVE BEHAVIOURS INTO POSITIVE BEHAVIOURS

1. “O teri…” = “Subhan Allah, Masha Allah”
2. “Shit...” = “Inna Lillah hi wa Inna Aliehe Rajaoon”
3. “Oops…” = “Inna Lillah hi wa Inna Aliehe Rajaoon”
4. “Taino pata main kon aa…” = ‘Forgiveness’
5. “Too bahir nikal, tainoo main dasna…” = ‘Forgiveness’
6. To abuse on any event... = Use of Subhan Allah, Masha Allah, Allah O Akbar

BEHAVIOURAL MODELING



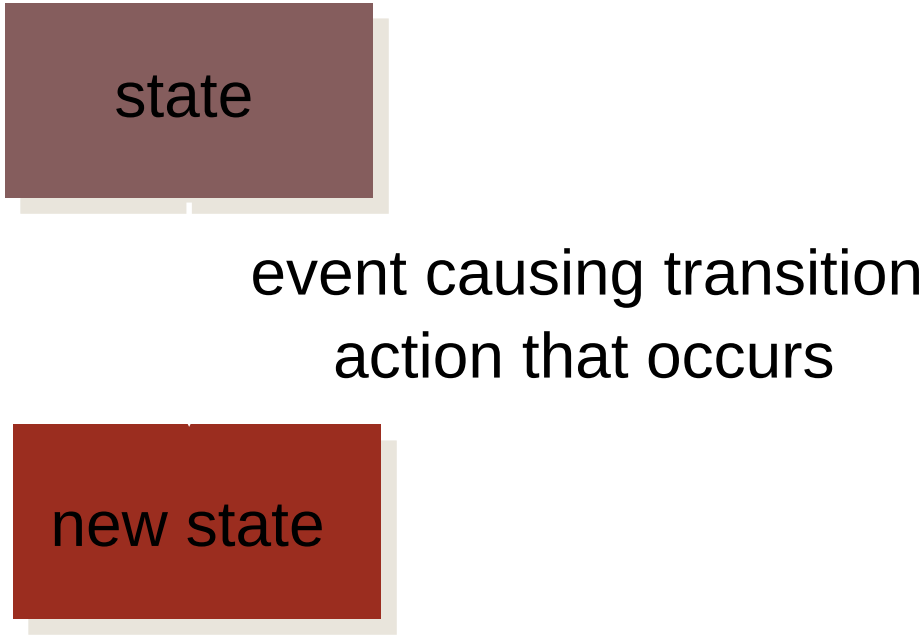
E + R = O

E = Event, R = Response, O = Output

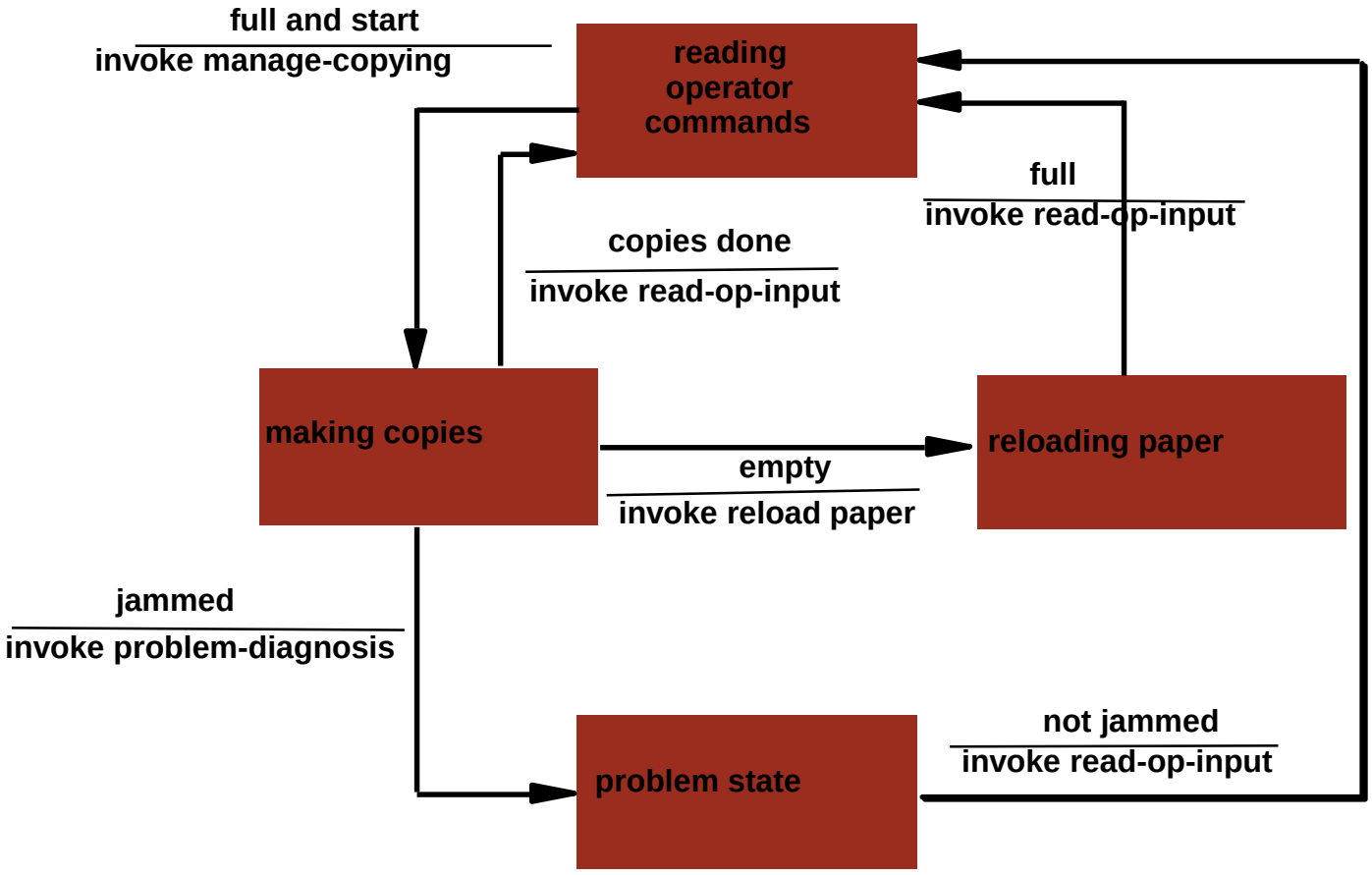
ELEMENTS OF STD:

1. State: a set of observable circumstances that characterizes the behaviour of a system at a given time.
2. State transition: the movement from one state to another.
3. Event: An occurrence that causes the system to exhibit some predictable form of behaviour.
4. Action: Process that occurs as a consequence of making a transition.

STATE TRANSITION DIAGRAM NOTATIONS:



EXAMPLE: PHOTOSTAT MACHINE



State Transition Diagram: Physician Billing System