

A: $(\neg \text{ValidID} \vee \neg \text{ValidPW}) \wedge n < n_{\text{Max}} \wedge \neg \text{Timeout} \rightarrow \text{CheckID} / n := n + 1$
 B: $\text{ValidID} \wedge \text{ValidPW} \rightarrow \text{End} / \text{Fail} := \text{false} \text{ and } \text{LogIn user}$
 C: $n \geq n_{\text{Max}} \vee \text{Timeout} \rightarrow \text{End} / \text{Fail} := \text{true} \text{ and cut off user}$

n	<nMax				= nMax				>nMax			
Pass Word	Valid		!Valid		Valid		!Valid		Valid		!Valid	
ID	Valid	!Valid	Valid	!Valid	Valid	!Valid	Valid	!Valid	Valid	!Valid	Valid	!Valid
Next for Each Defined Transition Condition												
A		CID	CID	CID								
B	End				End				End			
C					End	End	End	End	End	End	End	End
Resulting Values of Fail for Each Defined Transition Condition												
A												
B	F				F				F			
C					T	T	T	T	T	T	T	T

