**Assignment 2: Flowchart Creation - Design a  
flowchart that outlines the logic for a user login process. It should include  
conditional paths for successful and unsuccessful login attempts, and a loop  
that allows a user three attempts before locking the account.**

**Ans:**

**Algorithm:**

**1)Start**

**2)Ask user to enter username and password.**

**3)Check if this 3rd Attempt.**

**4)If Yes, Show error that “Account locked” and take to step 8.**

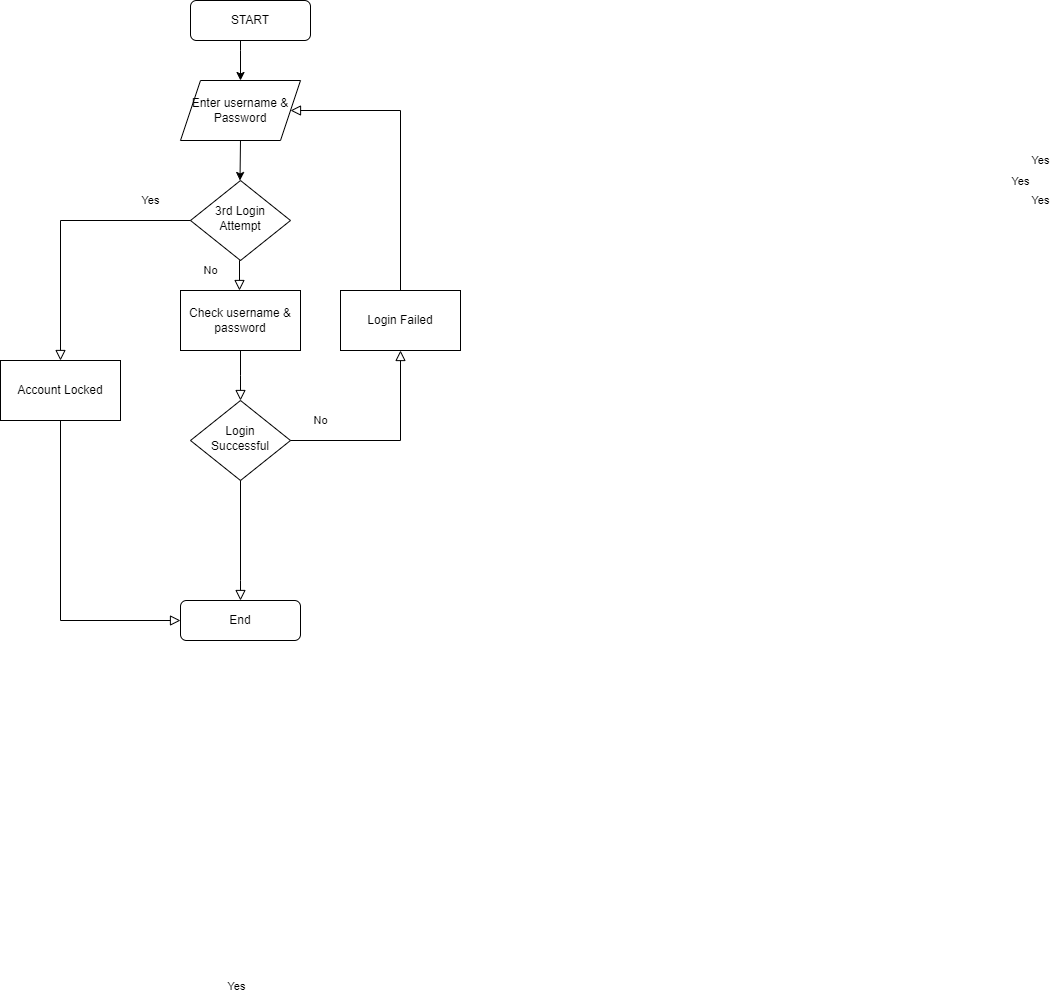
**5)Else check username and password.**

**6) If details are correct then Login successful and take to step 8.**

**7) Otherwise, Login failed and take back to step 2.**

**8)END**

**Flowchart:**

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