**Activity Diagrams**

These are based off of use **case description.**

A graphical description of **how** things are done (while use case would be **what** is done).

An Action must be a verb. This is anything that can be done by the actor or system.

We have an activity start, activity end, and flow end node.  
Activity Start and End: Signals the start and end of eg Registration.  
Flow: signal the end of a side/branch of an activity. Such as end of verifying details.

**Edges** are lines indicating direction of flow.

**Decisions** multiple edges with text eg Go down path A or B (if statement)

These decision must merge back, or end.

**Signal** external or 3rd party actors only. When you send or receive instructions to these actors.

**NBNBNB (if Swimlanes isn’t done, you get 0)**

**Swimlanes:** Patricians a diagram into different actors and subsystem.

This will have the activity diagram, inside a swimlanes, indicating which actions are done by which actor or subsystem.

Eg The use case Stock Management could require the inclusion of the use case User Verification (Swimlands show this in the activity diagram)

**Parallel Activities:** Activities done simultaneously.(concurrent)

**For St1, need this diagram**

Focusing on Entering Credentials from use case description doc.