

**ScholarSphere**

**Activity Diagram**

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**Aim:**

To identify the activities and their associations with constraints and conditions, and construct the activity diagram for the ScholarSphere.

**Notations for Activity Diagram:**

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| **Notation** | **Type** | **Explanation** |
|  | Start state | Represents start of flowchart |
| Shape | End state | Marks end of flow chart |
| Shape | Activity state | Represents execution of an action on objects or by objects. |
|  | Action Flow or Control flows | They are used to show the transition from one activity state to another. |
|  | Decision node | Used to make a decision before deciding the flow of control. |
|  | Guards | Statement written next to a decision node on an arrow sometimes within square brackets. |

**Activity Diagram:**

