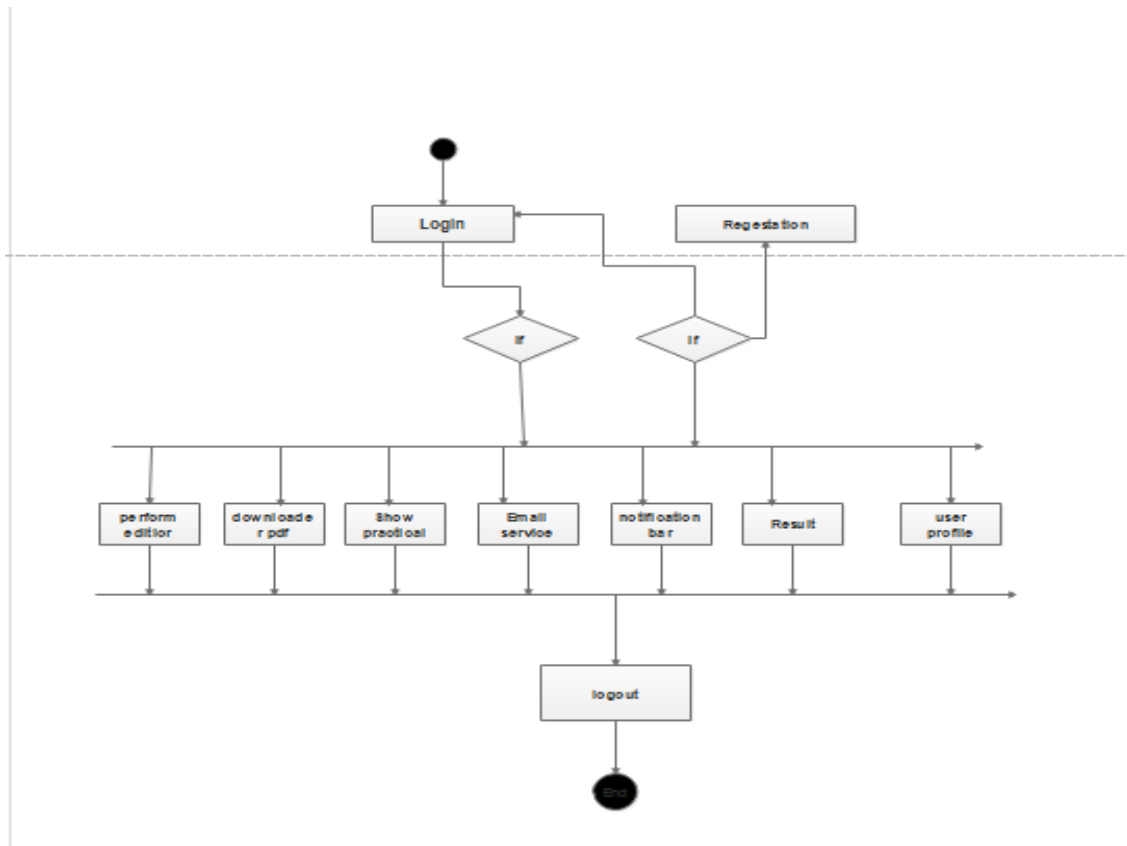


## Chapter 5.

### Input/ Output & Interface Design

#### 5.1 System Activity Diagram



#### 5.2 System Procedural Design:

##### 5.2.1 Designing Pseudocode or algorithm for Method or operations

- Pseudo code is a kind of structured English for describing algorithm.
- It allows the designer to focus on the logic of the algorithm without being distracted by details of language syntax.
- At the same time, the pseudo code needs to be complete.

- The “structured ” part of pseudo code is a notation for representing six specific structured programming constructs.
- These construct represent the logic, or flow of control in an algorithm.
- It has been proven that three basic constructs for flow of control are sufficient to implements any “proper” algorithm.

**Algorithm:****Step 1:**

If home = true  
    Then display menu  
End if

**Step 2:**

If login form = true  
    Then open to the login form  
End if

**Step 3:**

If login = true  
    Then display to the editor  
End if

**Step 4:**

If profile = true  
    Then display to the user profile  
End if

**Step 5:**

If faculty login form = true  
    Then open to the faculty login form

Else if login = true

Then faculty can send to the practical  
End if

**Step 4:**

If practical. Course = user. course

Then show to the notification

and clicked to the download to the practical

