

## 4.3 Activity & Swim lane Diagrams

### 4.3.1 Activity Diagram

An activity diagram represents the actions and decisions that occur as some function is performed.

#### 4.3.1.1 Activity Diagram for user registration

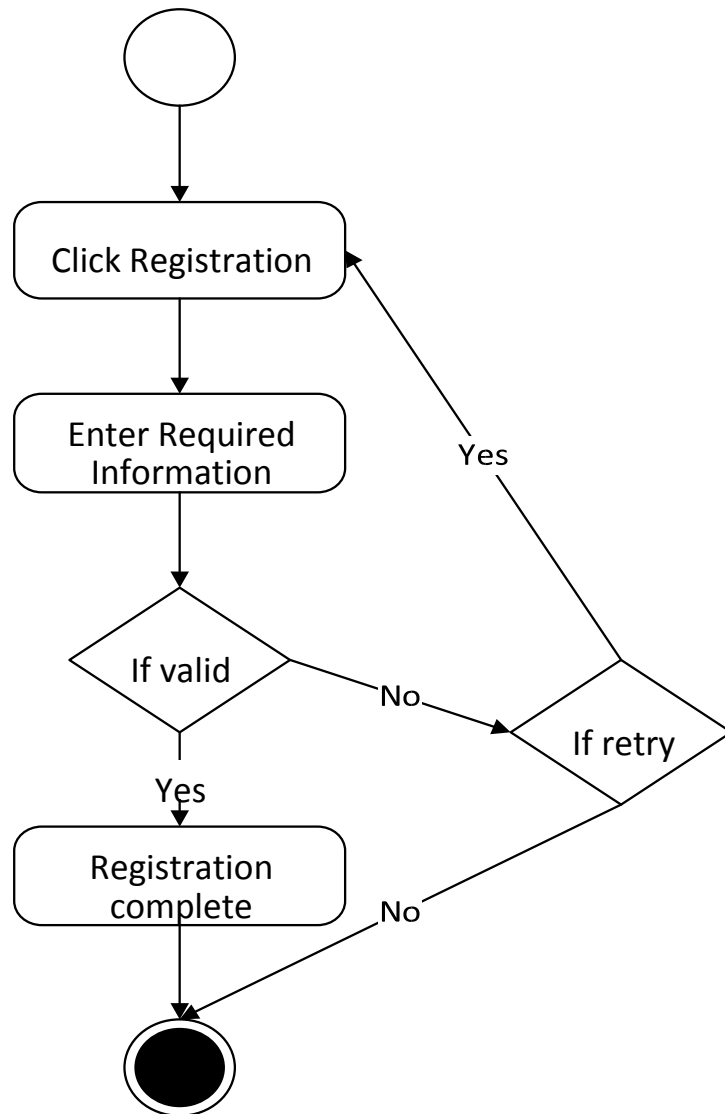


Figure: Activity diagram of user registration

#### 4.3.1.2 Activity Diagram for user Login

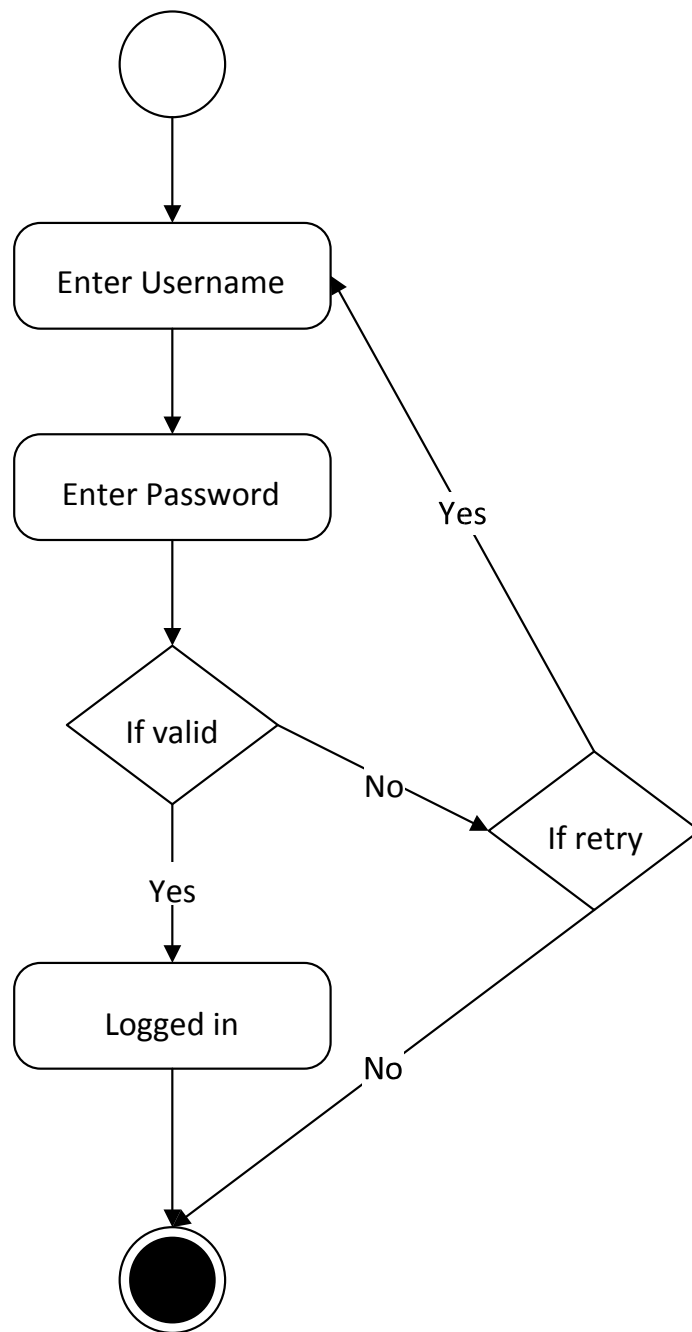


Figure: Activity diagram of user login

#### 4.3.1.3 Activity Diagram for logged out:

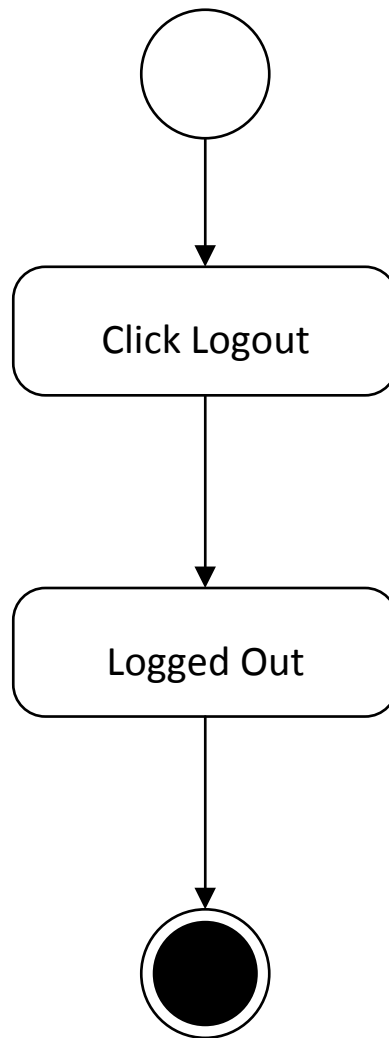


Figure: Activity diagram of user logout

### 4.3.2 Activity Diagram for Seat Allocation:

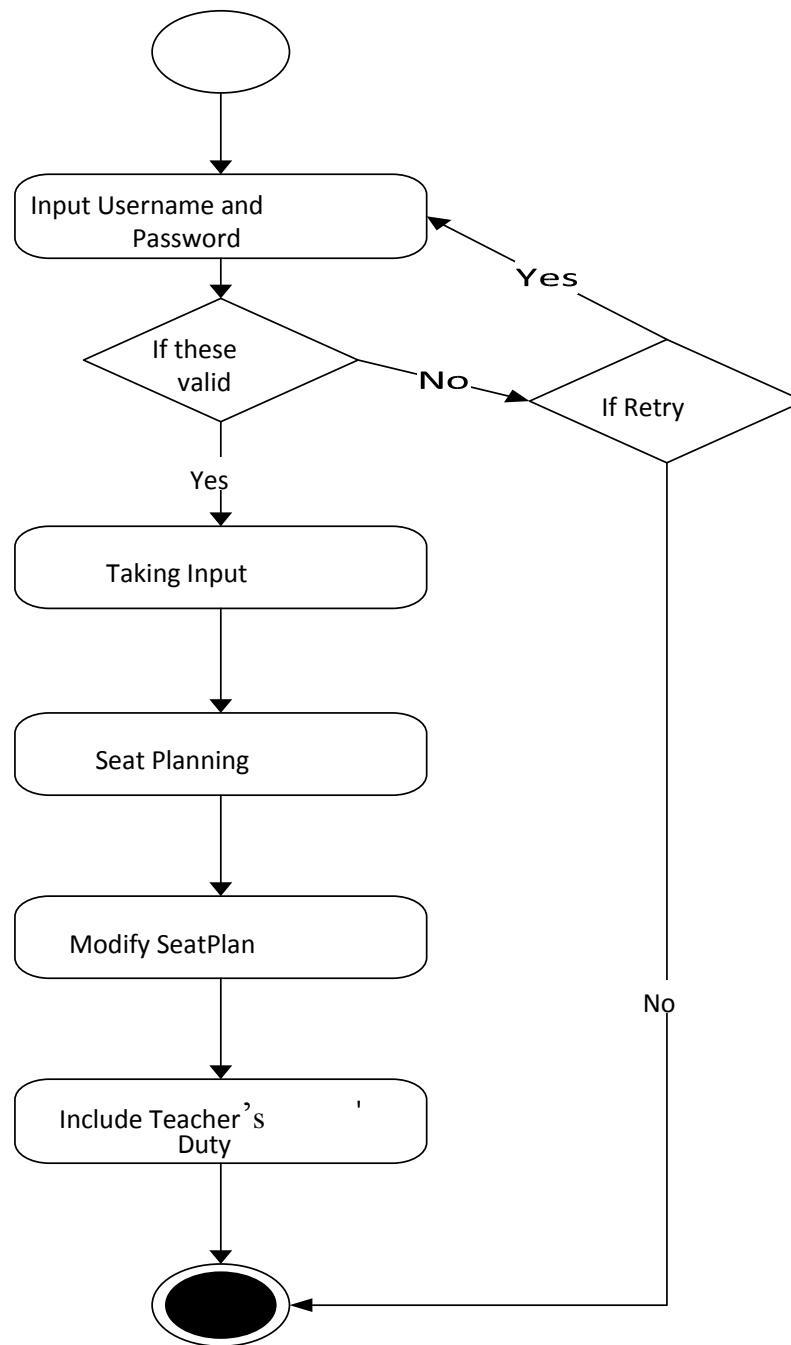


Figure: Activity Diagram for Seat Allocation

### 4.3.3 Activity Diagram for System Output:

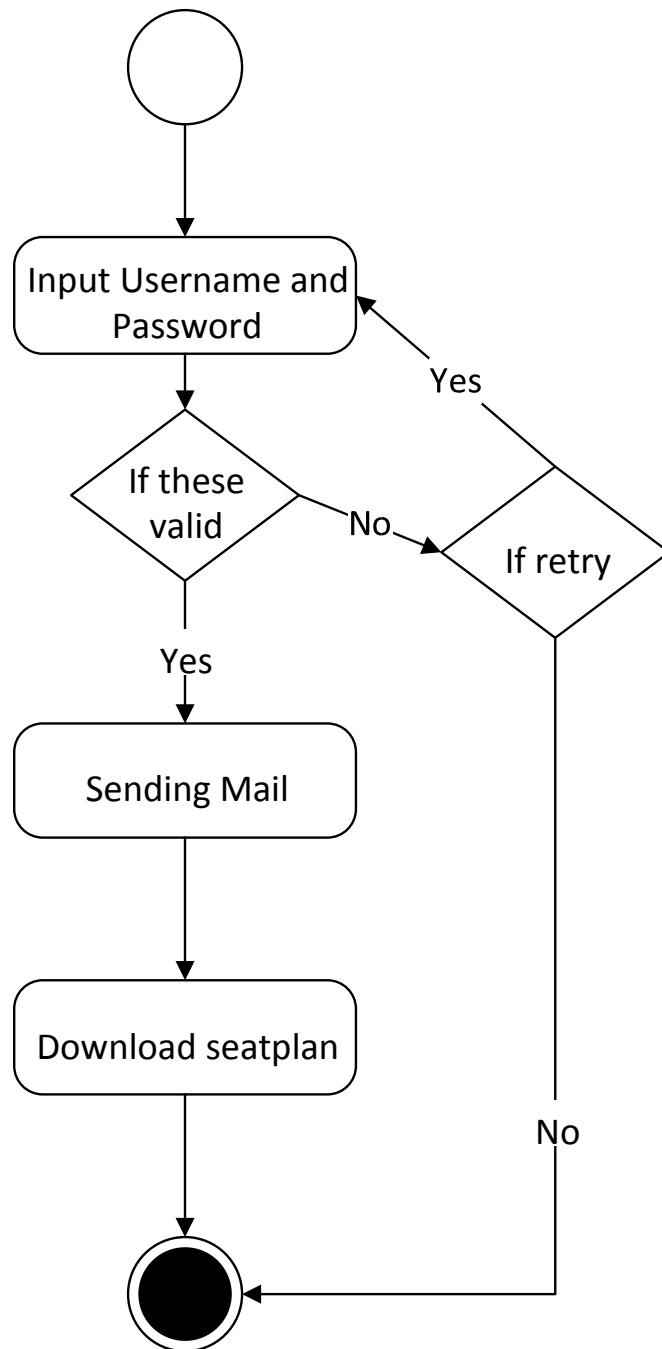


Figure: Activity Diagram for System Output