Asignment - 03

Roll NO :- 43236

Title :-   prepre activety model

Objectives : -

1) To identify involved within- the prepared s/w system
2) Design the activity diagram.

prerequisity :-   1) Linux/Ubuntu
2) Any UML 2.0 tool

Theory:-

Activity diagrams:-

　　　　　　　It provides the view of behavior of the system by describing the sequence of action in a process. They ae similar to flowcharts because they show the flow b/w the actions in an activity. However, activity diagram can alt show parallel or concurrent flow and alternate flows.

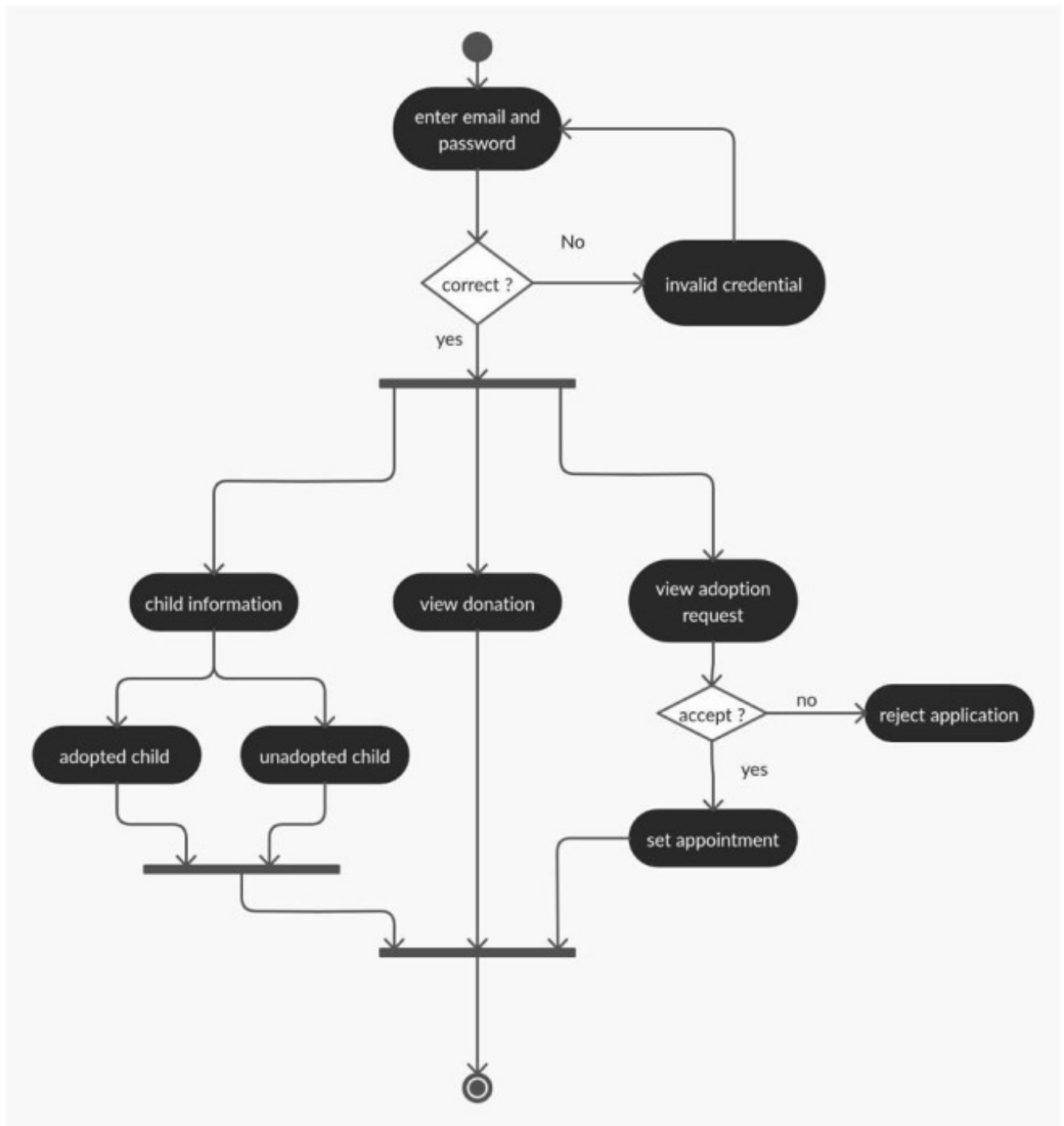activity diagram are comprised of the following model element-

1) Activities — These ae container elements that describe the higher level of behavior in an activity diagram.

2) Actions :- These represent a descreth Unit of functionality in an activity.

3) control models :- It is an abstrah activity node that controllers the flow of control in an activity

4) Object nodes :- It is an abstract activity node that helps to define the object flow in an activity

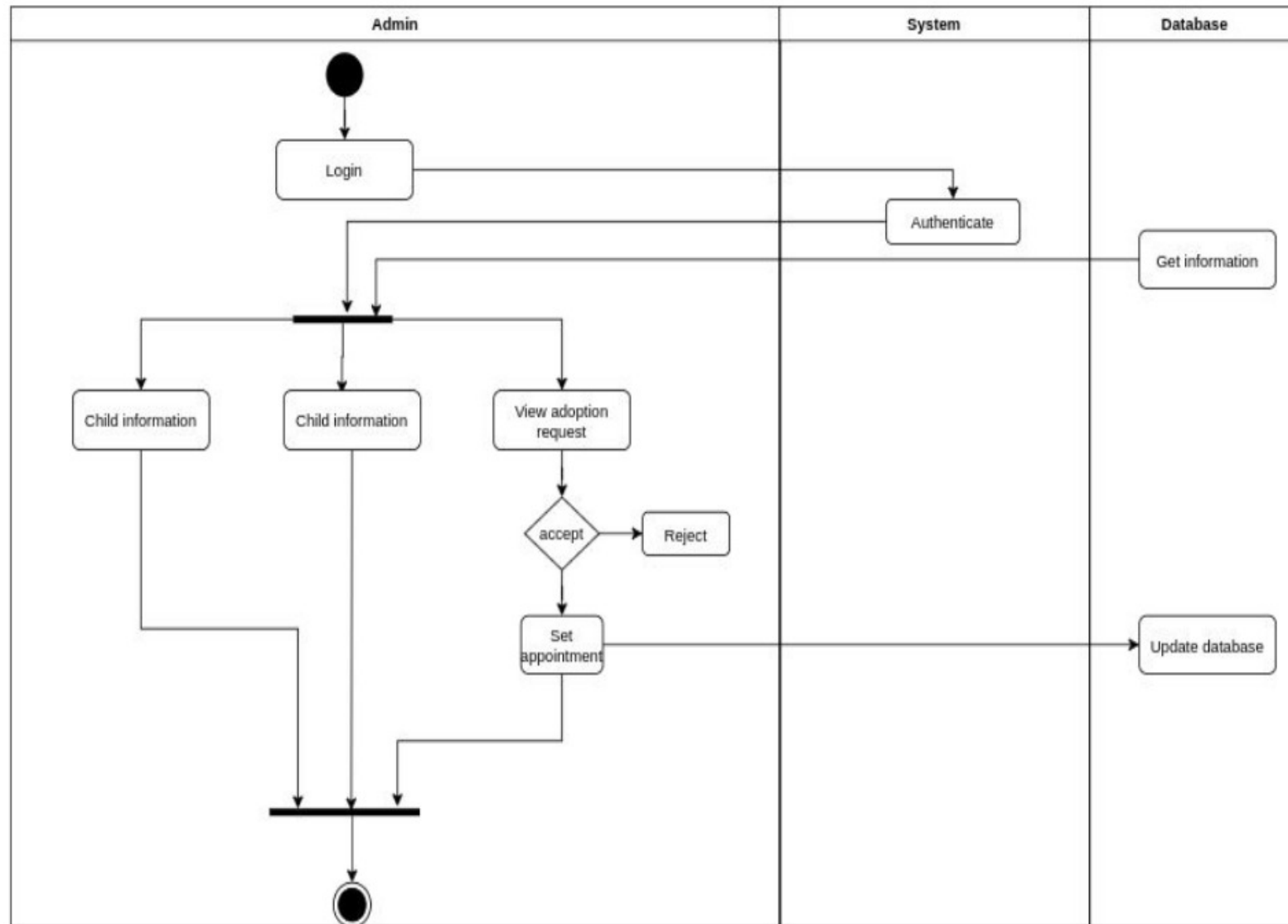5) Activity edges :- It is a directed connection b/w two activity nodes.

Conclusion :-
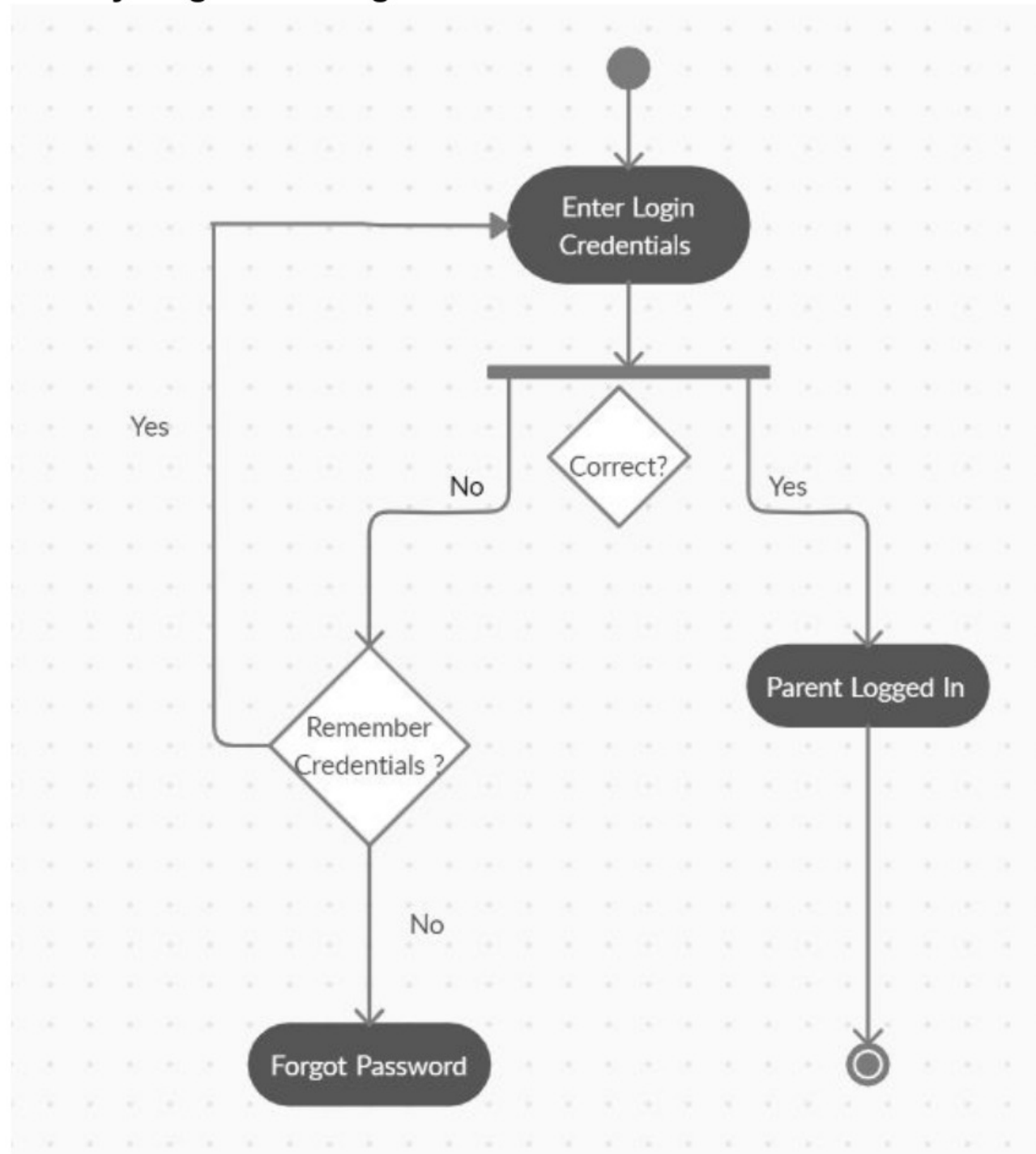
This we have implemented the activity for our project.

Activity diagram for system :

Activity diagram 4 : Admin panel

Admin	System	Database

Admin:
- (start) → Login
- Login → Authenticate (System)
- Fork
  - Child information
  - Child information
  - View adoption request → accept (decision) → Reject
    - accept → Set appointment → Update database (Database)
- Join → (end)

System:
- Authenticate

Database:
- Get information
- Update database

Activity diagram 3 : Login

Activity diagram 2 : Adoption

Admin	System	Database

Login → View request for adoption

Accept?
- No → Reject application
- Yes → Set an appointment → Add details to database
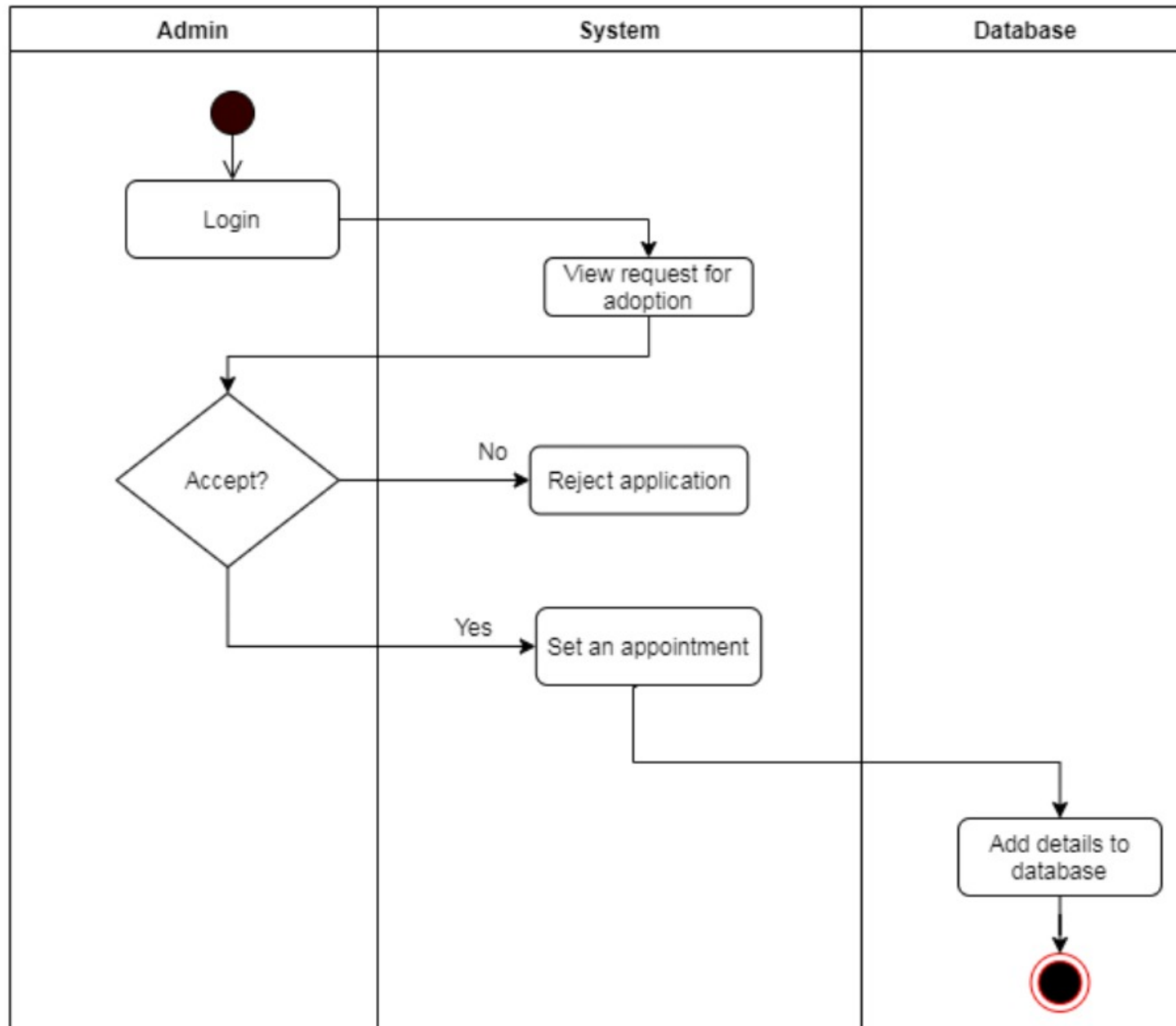
Activity diagram 1 : Registering a new child

Admin	System	Database

- Login
- Authenticate
- Room available?
  - No → Allocates room
  - Yes → Submit details
- Submit details
- Verify details
  - Invalid
  - Valid → Add details to database