**EDUKE ADMIN ACTIVITY DIAGRAM PLANT UML CODE:**  
  
@startuml

|Admin|

start

if (Is user already registered?) then (yes)

:Redirect to Login Page;

else (no)

repeat

:Redirect to Registration Page;

:Complete Registration Form;

:Submit Registration;

if (Registration successful?) then (yes)

:Registration Successful;

:Redirect to Login Page;

break

else (no)

:Display Registration Error;

endif

repeat while (Registration successful? = no)

endif

repeat

if (Is login successful?) then (yes)

:View Admin Dashboard;

break

else (no)

:Display Login Error;

:Redirect to Login Page;

endif

repeat while (Is login successful? = no)

stop

@enduml

@startuml

|Admin|

start

if (Create a new Class) then (yes)

:Add Class Name;

:Assign Class Head;

:Add Class Email;

else (no)

if (Edit/Delete Class) then (yes)

:Modify Class Name;

:Change Class Head Name;

:Change Class Email;

else (no)

endif

endif

stop

@enduml

@startuml

|Admin|

start

if (Create a new Subject) then (yes)

:Add Subject Name;

:Assign Subject Head;

:Add Subject Email;

:Assign Class;

else (no)

if (Edit/Delete Subject) then (yes)

:Modify Subject Name;

:Change Subject Head Name;

:Change Subject Email;

else (no)

endif

endif

stop

@enduml

@startuml

|Admin|

start

if (Create a new Student) then (yes)

:Add Student Name;

:Add Student Roll No;

:Add Student Email;

:Assign Class;

else (no)

if (Edit/Delete Student) then (yes)

:Modify Student Name;

:Modify Student Roll No;

:Change Student Email;

else (no)

endif

endif

stop

@enduml

@startuml

|Admin|

start

if (Edit Institution Details) then (yes)

:Edit Institution Name;

:Edit Password;

else (no)

endif

if (Logout from Eduke) then (yes)

:Click Log Out;

else (no)

:Return to Admin Dashboard;

endif

stop

@enduml

**EDUKE ADMIN SEQUENCE DIAGRAM PLANT UML CODE:**

@startuml

actor Admin

participant System

database Database

Admin -> System: Open Registration Page

activate Admin

activate System

loop Registration Process

Admin -> System: Fill Registration Form

Admin -> System: Submit Registration

System -> Database: Store Registration Details

activate Database

Database --> System: Registration Successful?

deactivate Database

System -> Admin: Show Success or Error

end

System -> Admin: Redirect to Login Page

deactivate System

deactivate Admin

loop Login Process

Admin -> System: Enter Credentials

activate Admin

Admin -> System: Submit Login

activate System

System -> Database: Validate Credentials

activate Database

Database --> System: Login Successful?

deactivate Database

System -> System: Show Login Error (if any)

end

System -> Admin: Redirect to Admin Dashboard

deactivate System

deactivate Admin

Admin -> System: Create a new Class

activate Admin

activate System

System -> Database: Store Class Details

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Class Created Successfully

deactivate Admin

deactivate System

Admin -> System: Edit/Delete Class

activate Admin

activate System

System -> Database: Update Class Details

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Class Updated/Deleted Successfully

deactivate Admin

deactivate System

Admin -> System: Create a new Subject

activate Admin

activate System

System -> Database: Store Subject Details

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Subject Created Successfully

deactivate Admin

deactivate System

Admin -> System: Edit/Delete Subject

activate Admin

activate System

System -> Database: Update Subject Details

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Subject Updated/Deleted Successfully

deactivate Admin

deactivate System

Admin -> System: Create a new Student

activate Admin

activate System

System -> Database: Store Student Details

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Student Created Successfully

deactivate Admin

deactivate System

Admin -> System: Edit/Delete Student

activate Admin

activate System

System -> Database: Update Student Details

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Student Updated/Deleted Successfully

deactivate Admin

deactivate System

Admin -> System: Edit Institution Details

activate Admin

activate System

System -> Database: Update Institution Name, Password

activate Database

Database --> System: Confirmation

deactivate Database

System -> Admin: Institution Details Updated Successfully

deactivate Admin

deactivate System

Admin -> System: Logout from Eduke

activate Admin

activate System

System -> System: Click Log Out or Return to Admin Dashboard

deactivate System

deactivate Admin

@enduml