AUTOMATED ATTENDANCE MANAGEMENT SYSTEM

Exercise No:4 Interaction Diagram

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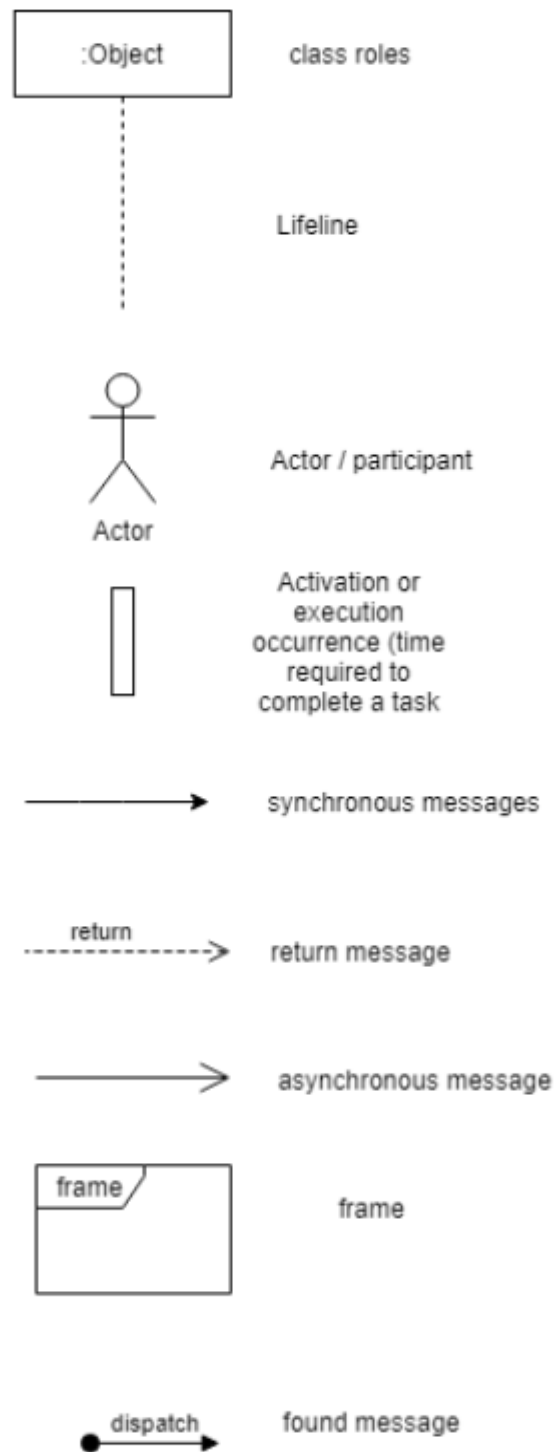Utkarsh Uniyal (185)

Aim:

To create sequence diagrams for the automated attendance management system.

Notations:

:Object — class roles

Lifeline

Actor — Actor / participant

Activation or execution occurrence (time required to complete a task

synchronous messages

return — return message

asynchronous message

frame — frame

dispatch — found message

Sequence Diagrams:

Authenticate user

- login()
- Forgot password()
- check login credentials
- Invalid login
- Validate login credentials
- authorize access
- timeout
- Contact admin
- Verify and update password
- logout from the application

Actors/Objects: Actor, :Login, :Verification, :ForgotPassword, :Database, :Authentication

Teacher

- login()
- authorize access
- views student records
- make
- update
- logout from application

Objects: :Login, :Authentication, :Attendance Records, :Generate metrics, :Time Table