ACCESS CONTROL ENTRY SYSTEM
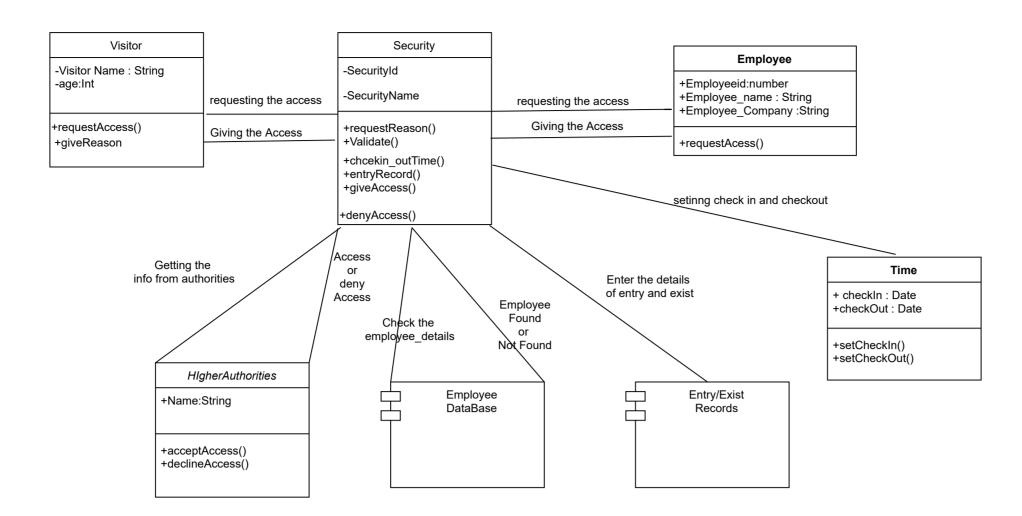
Class Diagram

Visitor
-Visitor Name : String
-age:Int

+requestAccess()
+giveReason

Security
-SecurityId

-SecurityName

+requestReason()
+Validate()

+chcekin_outTime()
+entryRecord()
+giveAccess()

+denyAccess()

Employee
+Employeeid:number
+Employee_name : String
+Employee_Company :String

+requestAcess()

requesting the access

Giving the Access

requesting the access

Giving the Access

setinng check in and checkout

Time
+ checkIn : Date
+checkOut : Date

+setCheckIn()
+setCheckOut()

Getting the
info from authorities

Access
or
deny
Access

Check the
employee_details

Employee
Found
or
Not Found

Enter the details
of entry and exist

HIgherAuthorities
+Name:String

+acceptAccess()
+declineAccess()

Employee
DataBase

Entry/Exist
Records

Sequence Diagram

Person

Security
(Bio Metric)

Higher Authorities

Employee
DataBase

Entry and Exist
Record

alt

If person is
Outsider

request Access

requestReason

giveReason

Validate

alt

If access is given

AcceptAccess

Access given

Enter the details into the database

Access is not given

declineAccess

Not permitted

Person is
a Employee

Request Access

Request Employee details

Giving the deatils

alt

If
Employee
exists

Verifying WIth Data Base

Employee exists

AccessGiven

Enter the details into the database

else

Employee deosn't exist

Access Denied