

# University attendance system

## Project Description and Services in Details:

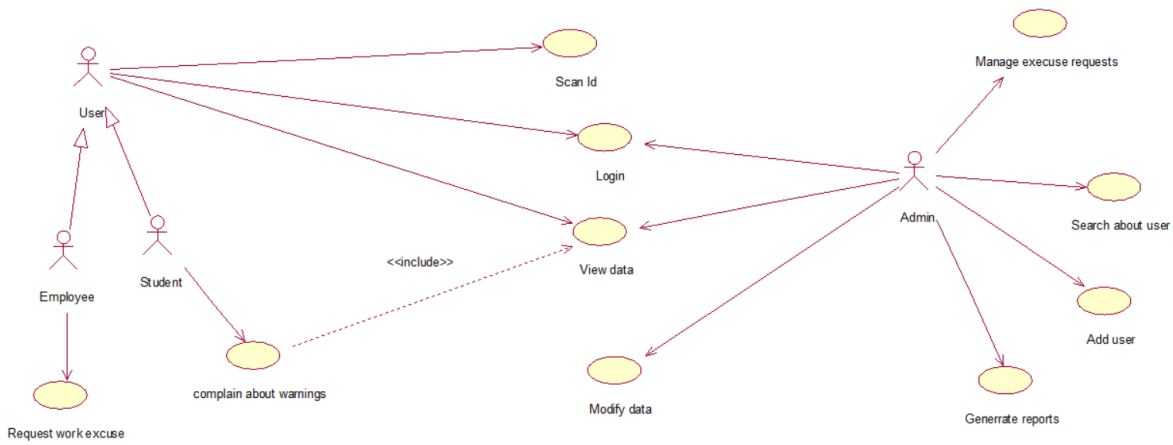
It is a design for a university attendance system , The system is used to track the attendance of both students and employees at the university.

The system issues a warning automatically after the user (Employee , Student) miss a certain number of attendance Each User (Employee, Student) can submit their attendance by scanning their IDs and the user has their own account to view their attendance and all their data, and they can view the warnings issued for them; Other than that the Student only can complain about the issued warnings, while the Employee only can request a work excuse

Each Admin own an account on the system so they can do a lot of functions through it.  
admin's functions:

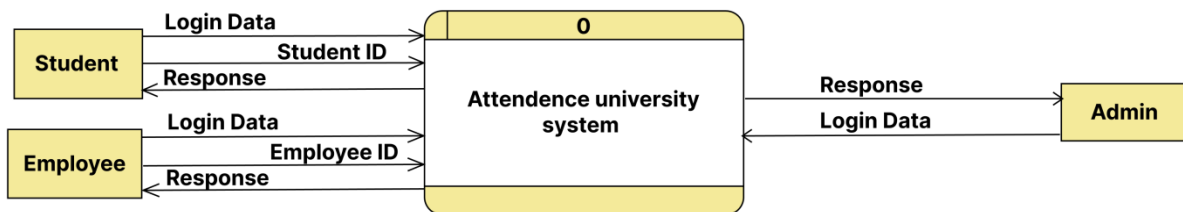
- view the data of the User(Employee, Student) and modify it
- they could search for a certain user and add new ones.
- they can generate reports to summarize the attendance and warnings of the users
- they can manage work excuses requested by employees.
- they are also able to view the student's complains.

## 1. Use Case Diagram

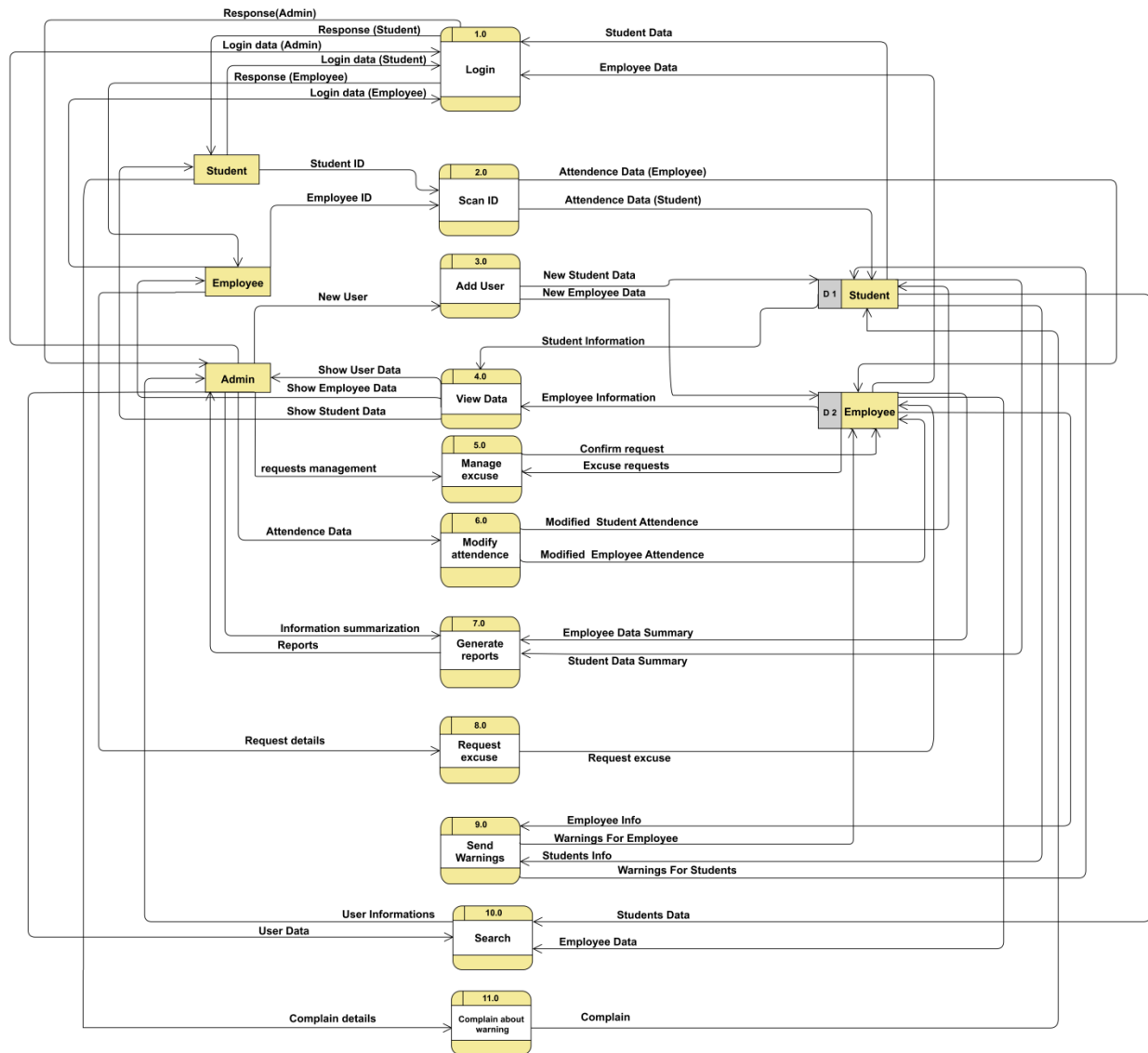


## 2. DFD Diagrams

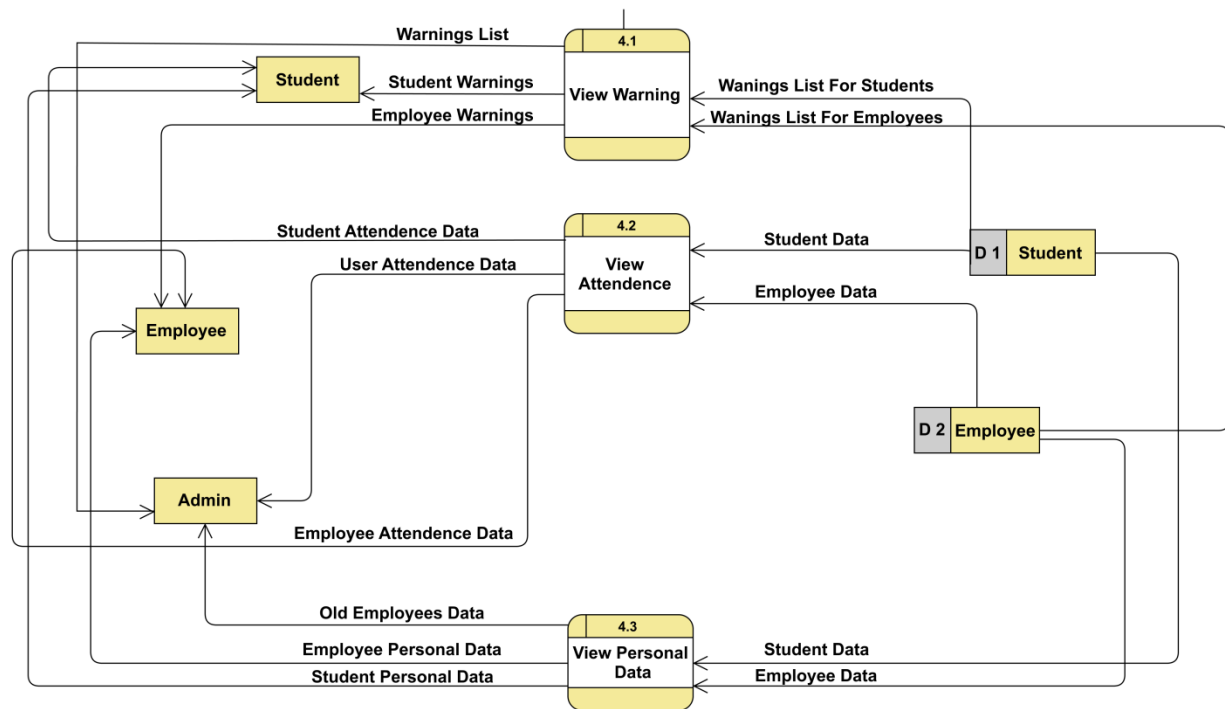
### 2.1. Context Diagram



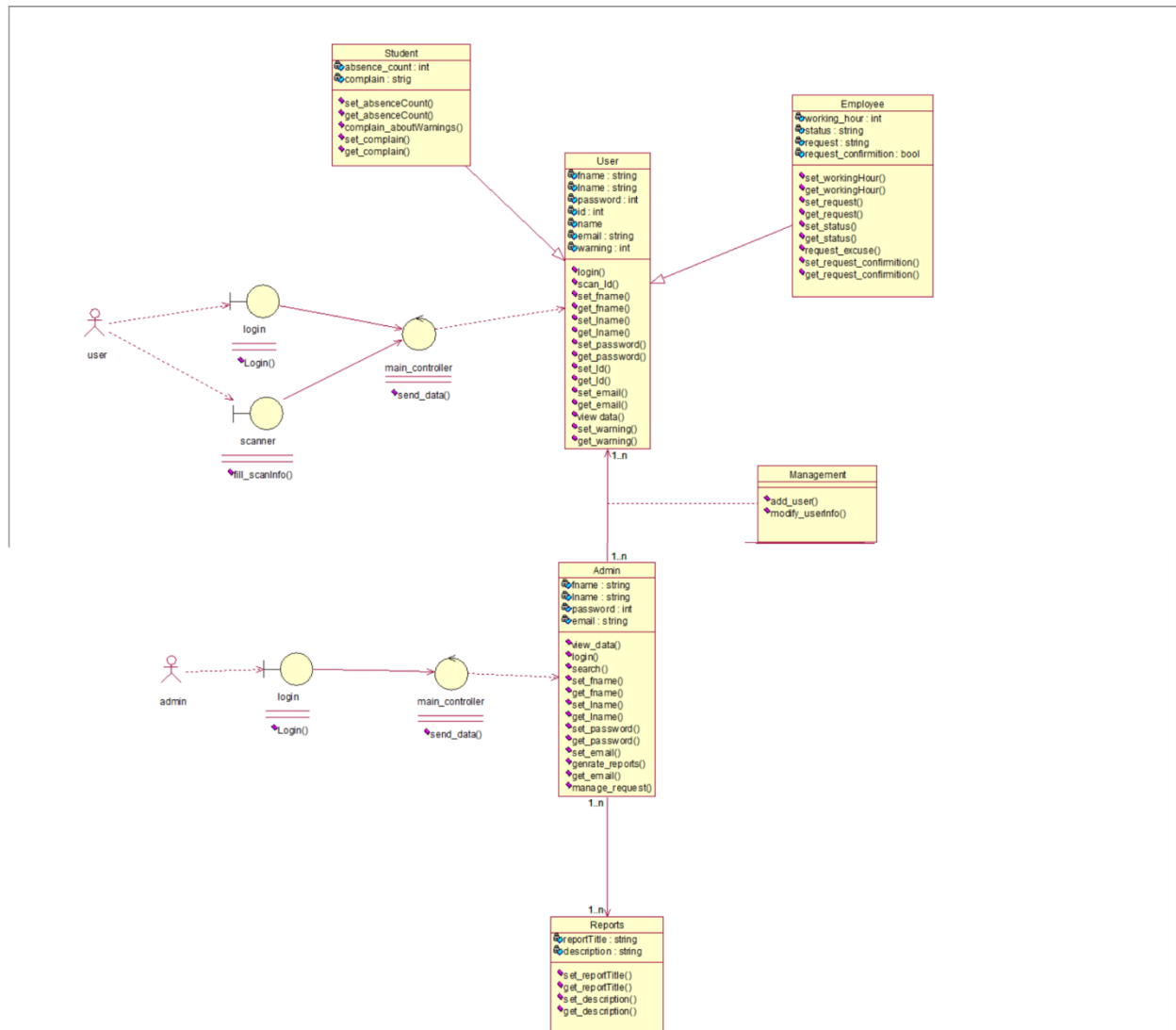
## 2.2. Level 0 Diagram



## 2.3. Level 1 Diagram

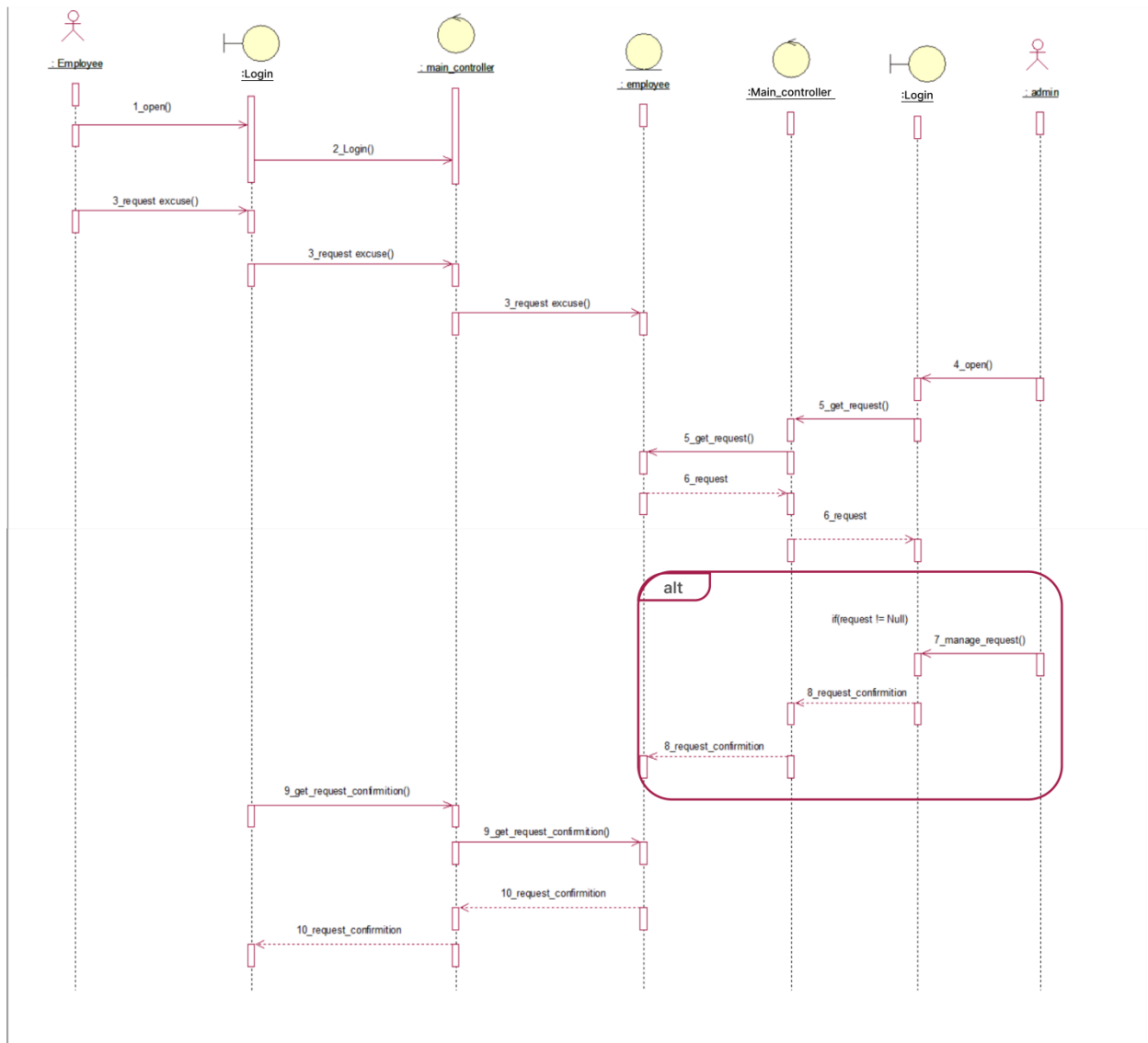


### 3. Class Diagram



## 4. Sequence Diagrams

### 4.1. (request\_work\_Excuse)



## 4.2. (complain about warning)

