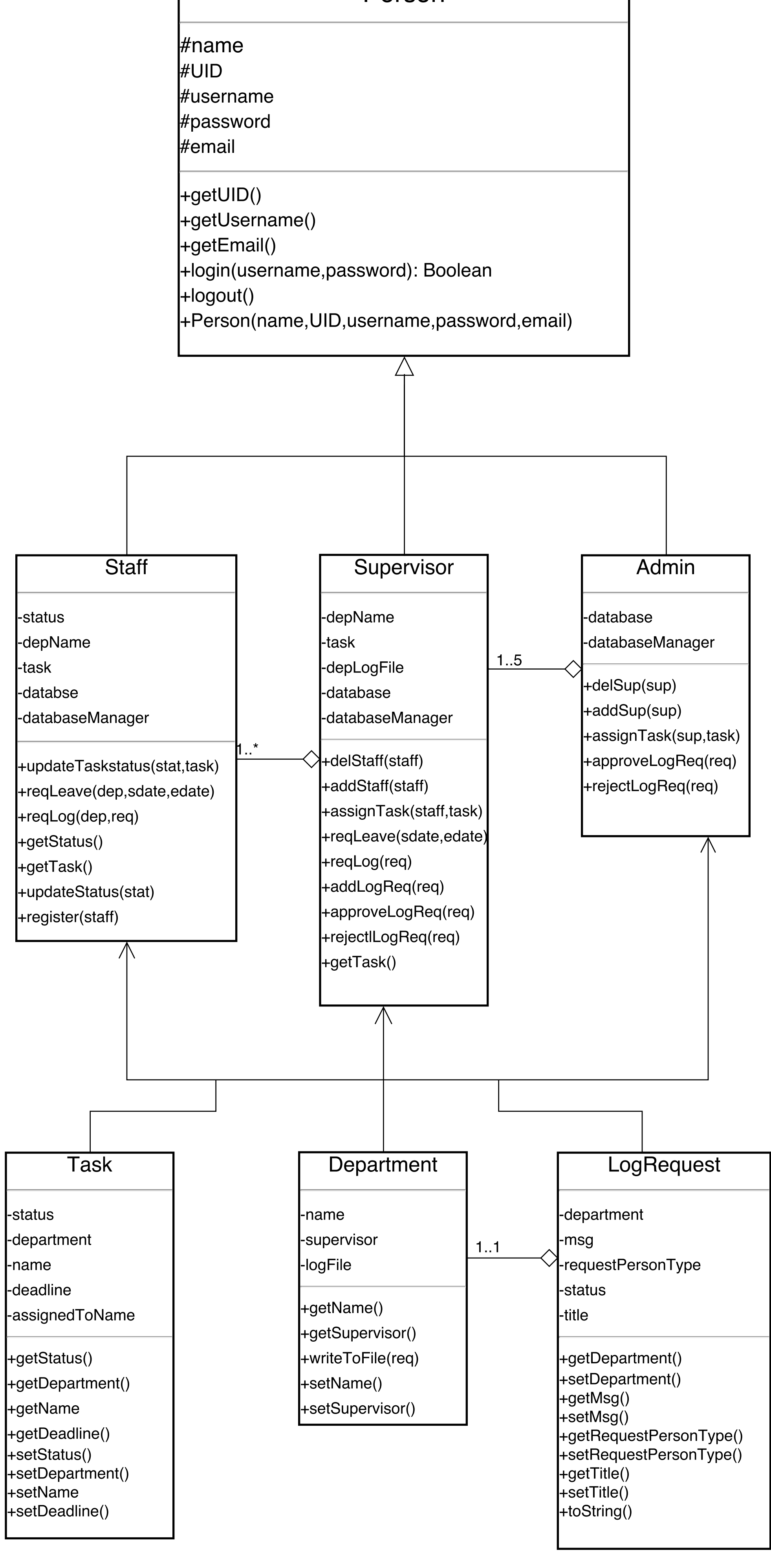


Class Diagram



The above use case and class diagrams show the simplified version of our program, this was because we had many other classes that only existed to facilitate the gui component of the code.

Admin use case:  
Actor: Admin  
Entry Condition: Admin already has an account.  
Exit Condition: Logs out after managing the system.  
Event Flow: Admin can see all tasks and logistic and leave requests and can manage staffs and supervisors.

Supervisor use case:  
Actor: Supervisor  
Entry Condition: Supervisor already has an account or supervisor can register  
Exit Condition: Logs out after managing system or supervisor has an account  
Event Flow: Supervisor can see all tasks and logistics of its own department and can manage its staffs and can also request for a leave.

Staff use case:  
Actor: Staff  
Entry Condition: Staff already has an account or staff can register  
Exit Condition: Logs out at will  
Event Flow: Can view tasks assigned to it and can change its status whether it's ongoing or completed (done), it can also ask for leave from the department supervisor.

Relation between Staff, Supervisor and Admin classes:  
Supervisor aggregates staff and can have >1 staff members and Admin aggregates and can have 5 supervisors at the most.

Task class:  
Represents a task and therefore it has a assigned time, start time, complete time, name of person assigned to, whether it has a deadline or not, department associated with it, its status and its name.

Department Class:  
It represents a particular department , hence it has a name and a supervisor it also has a logistic report file.

LogRequest Class:  
This class represents a request, a request has department it's associated with, the items it's relevant to. It also composes a class in it called Item. Item class has a name and quantity. Since it's composed in LogRequest class therefore if a request dies, the item in it die.

Individual Contribution:

Aryaman Dobhal -2015016:  
Database/Database Manager  
Task/TaskForm  
Department/Person/Admin/Supervisor  
File read-wright  
Some of the GUI

Saurabh Kumar-2015089:  
Login/Register  
Supervisor Panel/Screen/Button  
Staff and all its functionalities  
Staff and Supervisor leave request  
Logistic request  
Most of the GUI