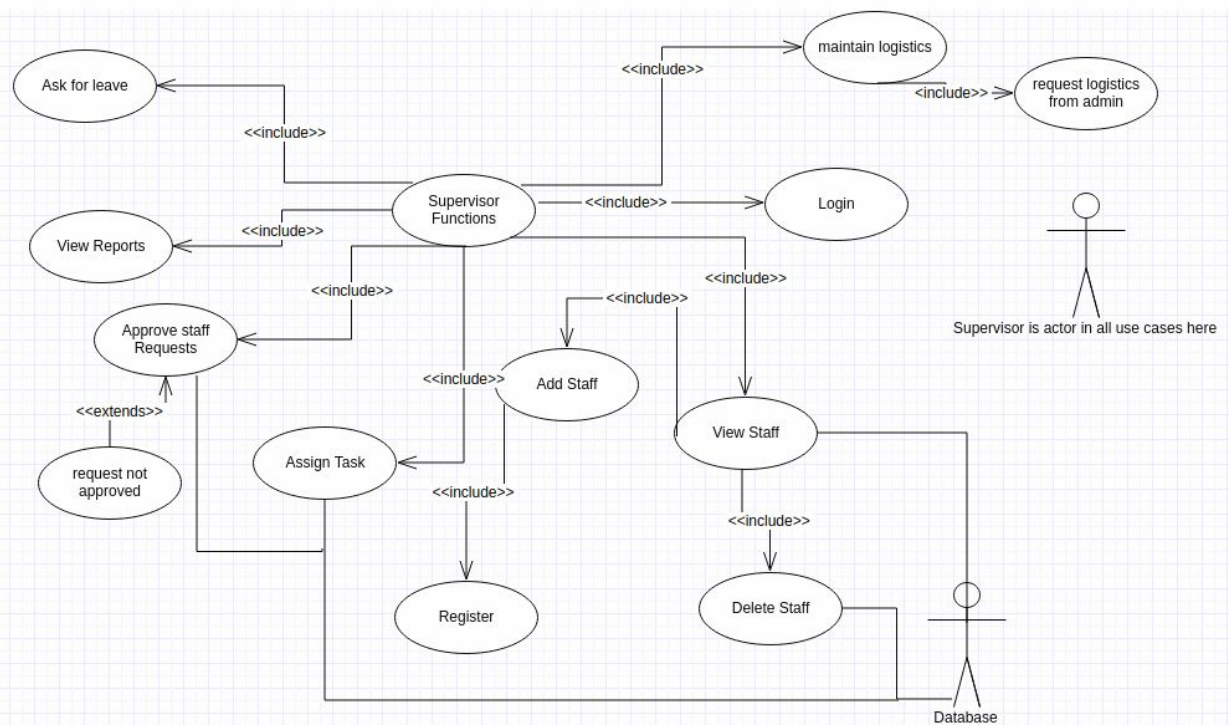
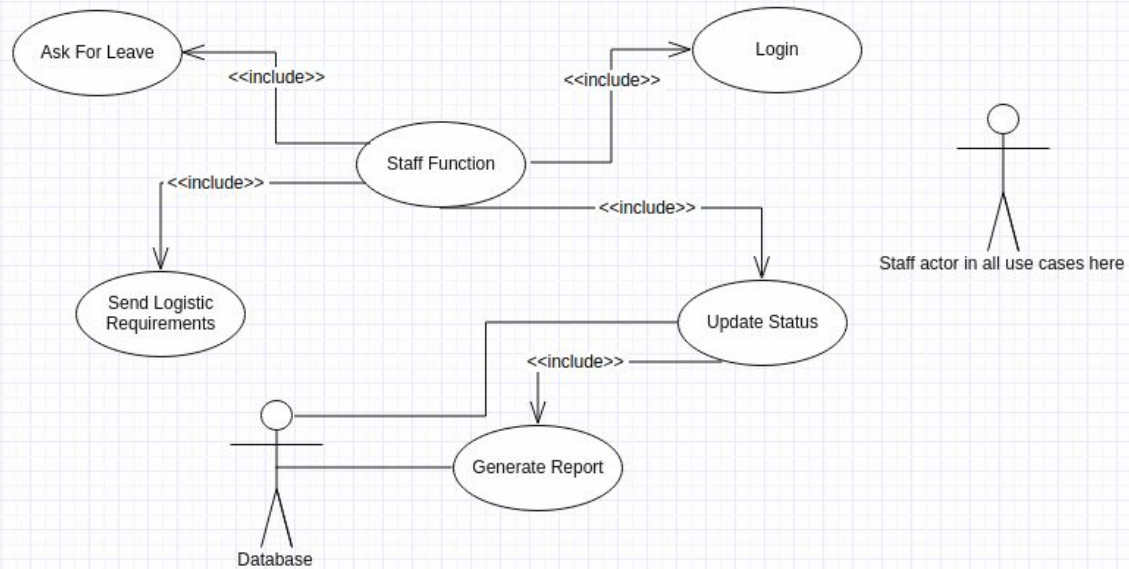
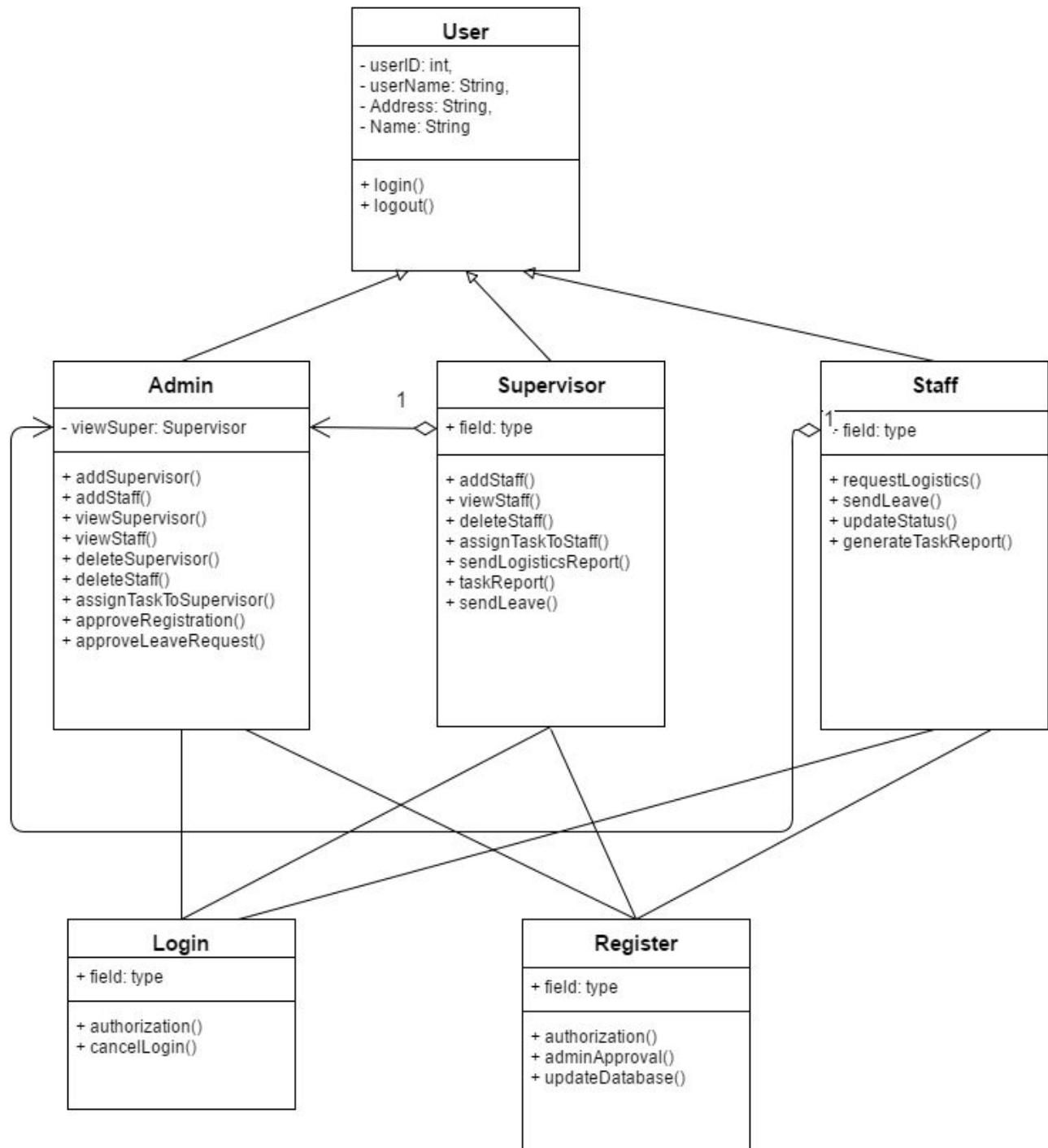


Use Case Diagrams



Class Diagram



Method Descriptions:

User functions:

1. login(): To allow the GM, supervisor or staffer to login.
2. register(): To allow a new staffer to register with the consent of the GM or the supervisor.

Admin functions:

1. addSupervisor(): Add a new supervisor or change an existing supervisor.
2. addStaff(): Add a new staff.
3. viewSupervisor(): View the list of supervisors.
4. viewStaff(): View the list of staff.
5. deleteSupervisor(): Delete an existing supervisor.
6. deleteStaff(): Delete an existing staffer.
7. assignTaskToSupervisor(): Assign a task to supervisor.
8. approveRegistration(): Approve/Reject a new staffer registration.
9. approveLeaveRequest(): Approve/Reject leave request from supervisor.

Supervisor functions:

1. addStaff(): Add a new staff member.
2. viewStaff(): View the staff list.
3. deleteStaff(): Delete an existing staffer.
4. assignTaskToStaff(): Assign a task to a staff member.
5. taskReport(): View task report allotted to the staff member.
6. sendLeave(): Send leave request to GM.

Staff functions:

1. requestLogistics(): Request logistics required for the task.
2. sendLeave(): Send leave request to supervisor.
3. updateStatus(): Update his/her status to Busy/Available/Leave.
4. generateTaskReport(): Generate task report when the given task is completed.

Register functions:

1. authorization(): Authorize the IDs and username to be unique and valid.
2. adminApproval(): Send approval request to the admin/supervisor.
3. updateDatabase(): Update the database after checking all the details and getting approval from the admin/supervisor.

Login functions:

1. authorization(): Authorize the IDs and username to be available in the database and the password matches or authorize from google OAuth.
2. cancelLogin(): cancel login process.

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