

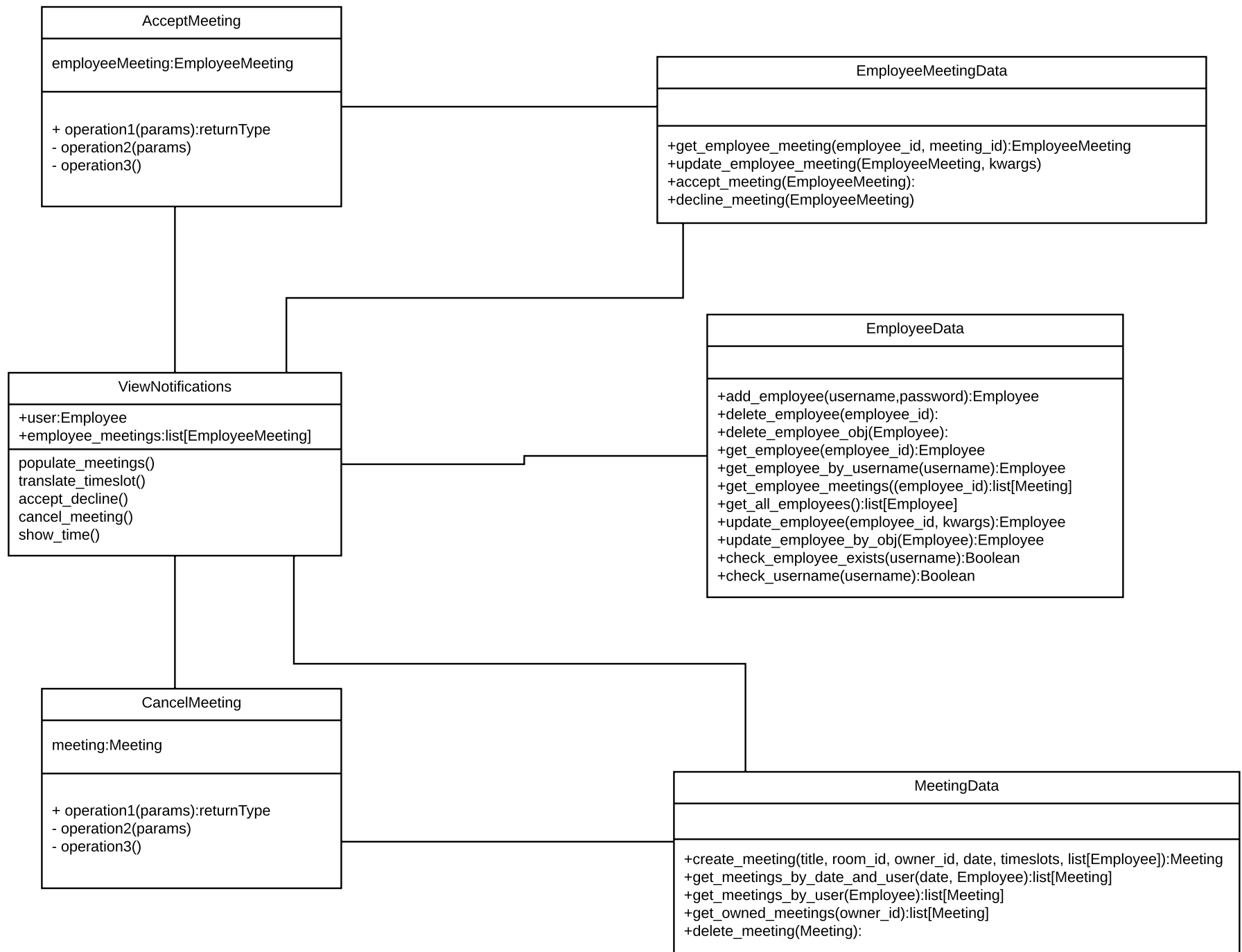
ViewCalendar
user:Employee
showDate() translate_timeslot() show_time() delete_meeting_list()

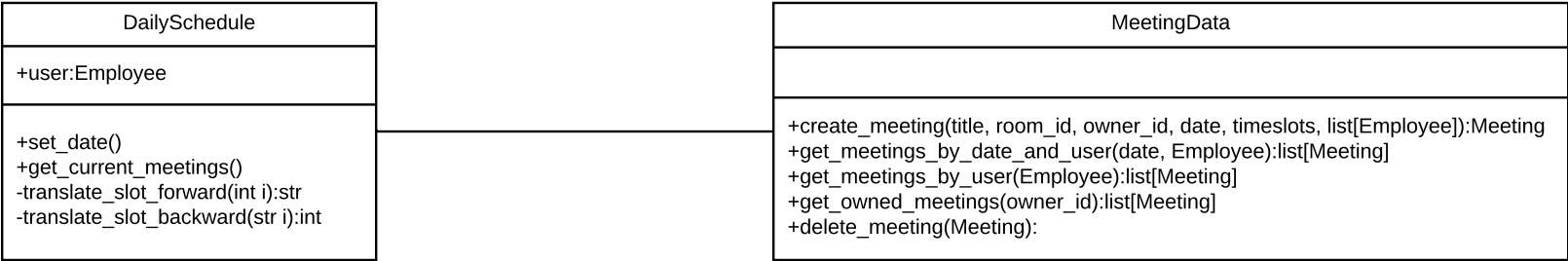
MeetingData
+create_meeting(title, room_id, owner_id, date, timeslots, list[Employee]):Meeting +get_meetings_by_date_and_user(date, Employee):list[Meeting] +get_meetings_by_user(Employee):list[Meeting] +get_owned_meetings(owner_id):list[Meeting] +delete_meeting(Meeting):

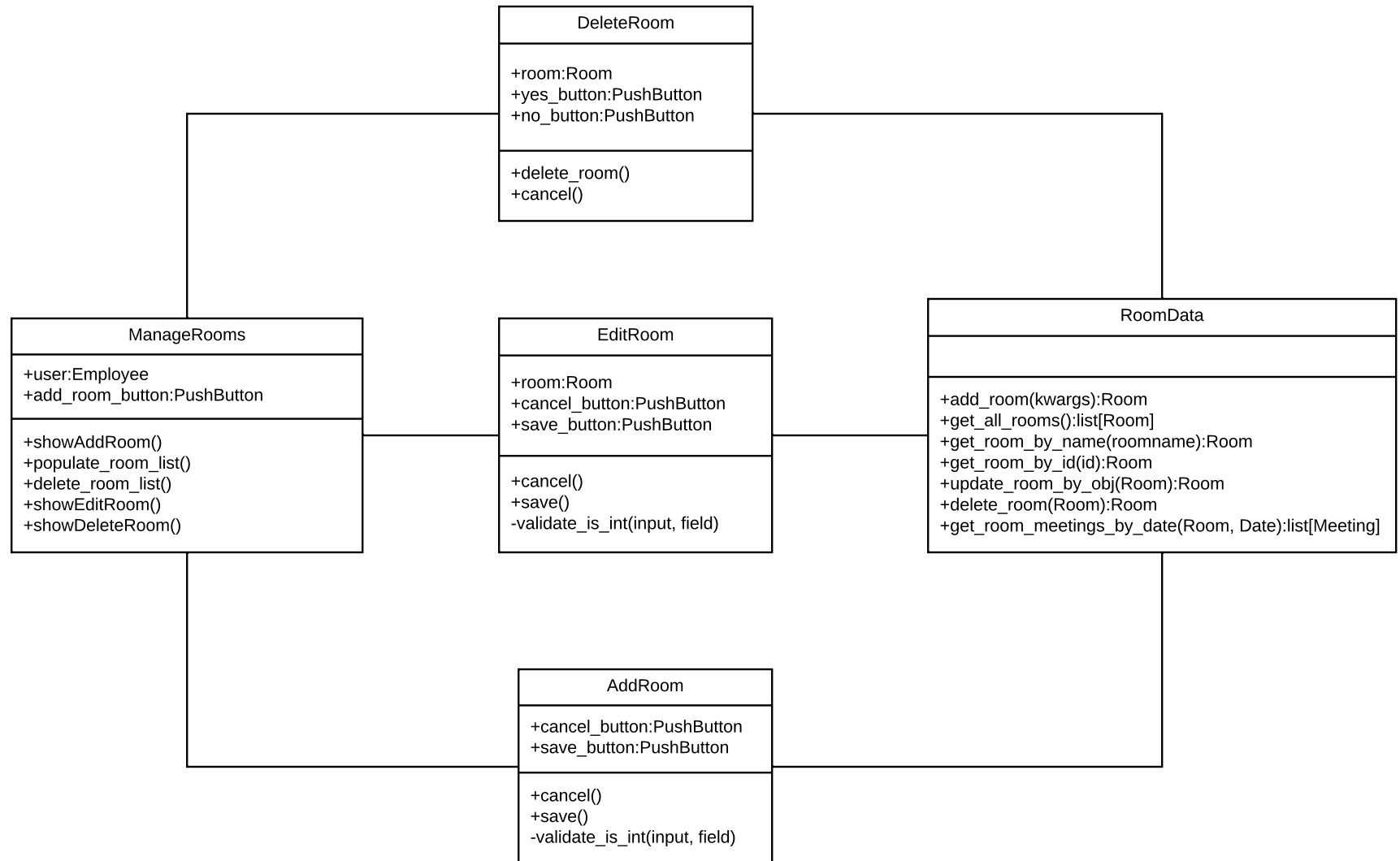
ViewProfile
user:Employee save_button:PushButton change_password_button:PushButton
save() change_password() _check_email() _check_telephone()

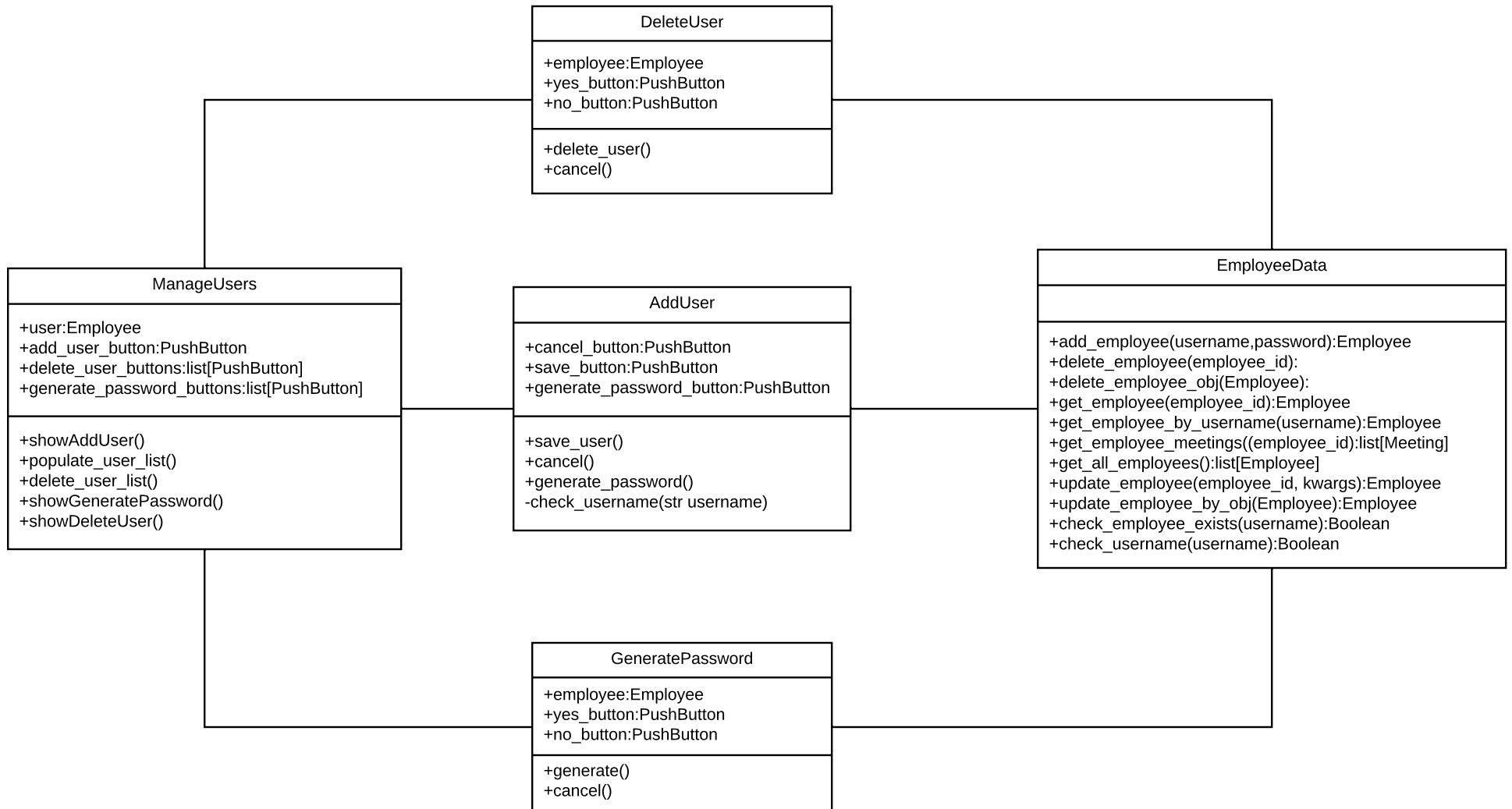
EmployeeData
+add_employee(username,password):Employee +delete_employee(employee_id): +delete_employee_obj(Employee): +get_employee(employee_id):Employee +get_employee_by_username(username):Employee +get_employee_meetings((employee_id):list[Meeting] +get_all_employees():list[Employee] +update_employee(employee_id, kwargs):Employee +update_employee_by_obj(Employee):Employee +check_employee_exists(username):Boolean +check_username(username):Boolean

ChangePassword
user:Employee change_button:PushButton
change()









EmployeeData
+add_employee(username,password):Employee +delete_employee(employee_id): +delete_employee_obj(Employee): +get_employee(employee_id):Employee +get_employee_by_username(username):Employee +get_employee_meetings((employee_id):list[Meeting] +get_all_employees():list[Employee] +update_employee(employee_id, kwargs):Employee +update_employee_by_obj(Employee):Employee +check_employee_exists(username):Boolean +check_username(username):Boolean

Employee
id:int first_name:str last_name:str username:str password:str email:str telephone:str is_admin:Boolean meetings:list[Meeting]

TimeSlotData
+bulk_create_timeslots(times):list[TimeSlot] -get_timeslot(timeslot_id)

TimeSlot
id:int begin_time:TimeSlotEnum meetings:list[Meeting]

TimeSlotEnum
one:"9:00 am" ... sixteen:"4:30 pm"

EmployeeMeetingData
+get_employee_meeting(employee_id, meeting_id):EmployeeMeeting +update_employee_meeting(EmployeeMeeting, kwargs) +accept_meeting(EmployeeMeeting): +decline_meeting(EmployeeMeeting)

EmployeeMeeting
employee_id:int meeting_id:int pending:Boolean accepted: Boolean

MeetingData
+create_meeting(title, room_id, owner_id, date, timeslots, list[Employee]):Meeting +get_meetings_by_date_and_user(date, Employee):list[Meeting] +get_meetings_by_user(Employee):list[Meeting] +get_owned_meetings(owner_id):list[Meeting] +delete_meeting(Meeting):

Meeting
id:int title:str room:int owner:int date:date employees:list[Employee] timeslots:list[TimeSlot]

RoomData
+add_room(kwargs):Room +get_all_rooms():list[Room] +get_room_by_name(roomname):Room +get_room_by_id(id):Room +update_room_by_obj(Room):Room +delete_room(Room):Room +get_room_meetings_by_date(Room, Date):list[Meeting]

Room
id:int roomname:str number:int building:int capacity:int