Constraints

1. Every Account is identified by its email. Its password and name should also be recorded.
2. Every Account is either a pcs_admin or a User.
3. Every User has a location and an address.There are two types of Users -- pet_owner and care_taker.
4. pet_owner may register a credit card.
5. Each pet is identified by a pet_name and pet_owner. They can have only one pet_owner. Their special_requirement can also be recorded if applicable.
6. Each pet_type is identified by a name and its base_daily_price should also be recorded.
7. Each pet is of one pet_type.
8. Different pets can have the same pet_type.
9. The monthly_pet_days and monthly_salary of the care_taker should be computed then updated after every hire where the hire_status is completed.
10. The rating and max_concurrent_pet_limit for the care_taker will be updated when a rating is given for a successful hire.
11. The bank_account of a care_taker should be recorded.
12. A care_taker may take care of more than one pet_type of pets, and the daily_price they charge for each pet_type should be recorded.
13. Every care_taker is either a part_timer or a full_timer.
14. Each part_timer indicates their availability, which is identified by a start_date, end_date and the email address of the part_timer.
15. Each part_timer can indicate multiple periods of availability, and we do not need to track the availability if the part_timer deletes his account.
16. Each leave should be identified by a start_date, end_date and the email address of the full_timer.
17. Each full_timer can have multiple leaves, and we do not need to track the leaves if the full_timer deletes his account.
18. pet_owner(s) can hire care_taker(s) to care of their pet(s) over a date_range.
19. Each date_range is identified by the start_date and end_date.
20. For each new hire, the transaction_date, hire_status, num_pet_days, method_of_payment, method_of_pet_transfer and total_cost should be recorded.
21. Each pet_owner can choose to give review_text and/or rating for each completed hire.