



Assumptions

- 1)Age attribute is a derived attribute in User entity which can be derived from the Date of Birth (DOB) attribute.
- 2)In Review entity the textual content be either text, photo, or a short video or a combination of any one of these so that I have used specialization with overlapping joint.
- 3)List of Check id is derived attribute which can be calculated from the check in entity.
- 4)Name attribute in User entity is a composite attribute which comprises of First Name and Last Name.
- 5)I have assumed that for a buisness there can be more than one parking and more than one ambient type thats why it is an multivalued attribute
- 6)Since different business has different days of operation and different hours of operation so based on that assumption, I have made it a multivalued attribute.
- 7)I have assumed that vote entity has a derived entity which is the partial key for the vote entity. It can be derived from the relationship with the vote entity and the users. I have assumed that user can also vote on his own review.
- 8)In Subcategory entity I have assumed that there is only one subcategory at a time thats why make it as a disjoint.
- 9)Subcategory can be a weak entity with subcategory type as a partial key and business category id as a strong key to it.
- 10)Under the parking entity and ambient entity, I have assumed it should be one at a time out of the options given.
- 11)The comment is weak entity which has a partial key author, date and strong key is the review id and assumed that author can comment again on the review after some days
- 12)Under the subcategory the partial key is the subcategory itself. We can identify using business category id.
- 13)I have assumed that user will not vote his on review rather than that other users will.
- 14)The Number of reviews is derived attribute which can be calculated using the review relationship with business.
- 15) Number of total votes can be derived from the relationship of the review and vote entity
- 16) I am assuming that different buisness may have same parking spot or may have more than 1 parking .