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### Assumption

- 1, Fire events can spark more than one events but a fire\_event can be caused by at most one fire.
- 2, A LGA cannot have no property (i.e. at least one)
- 3, Insurance companies can give up employ any assessors when there is no needing.
- 4, Assessors can only work for one company.
- 5, We assume that a building may be damaged multiple times in different dates.
- 6, Each property can only be in one LGA.
- 7, We assume that **Date and Time Departed** is not derived attribute because we cannot calculate it (there is no regular time between starting and departing).
- 8, We assume that we can know if the building has insurance covered when we know the property number and the building number.
- 9, Building\_date attribute is not composite attribute, it is not appropriate to get a precise time to describe buiding-finishing time.
- 10, the system only interests in the buildings which are impacted by fire events.