**Building Insurance and Damage History**

**UNF**

PROPERTY (property\_id, building\_id, building\_size, building\_class, building\_value, (insurance\_code, insurance\_name, insurance\_start-date, insurance\_end-date, (event\_id, event\_name, event\_start-date, event\_damage, event\_destroyed)

**1NF**

PROPERTY (property\_id, building\_id, building\_size, building\_class, building\_value)

PROPERTY\_INSURANCE (property\_id, building\_id, insurance\_code, insurance\_name, insurance\_start-date, insurance\_end-date)

PROPERTY\_EVENT (property\_id, building id, event\_id, event\_name, event\_start-date, event\_damage, event\_destroyed)

Partial dependencies:

Building\_id -> building\_size, building\_class

Insurance\_code -> insurance\_name

Event\_id -> event\_name,

**2NF**

PROPERTY (property\_id, building\_id, building\_value)

BUILDING (building\_id, building\_size, building\_class)

PROPERTY\_INSURANCE (property\_id, building\_id, insurance\_code, insurance\_start-date, insurance\_end-date)

INSURANCE (insurance\_code, insurance\_name)

PROPERTY\_EVENT (property\_id, building id, event\_id, event\_start-date, event\_damage, event\_destroyed)

EVENT (event\_id, event\_name)

Transitive Dependencies:

No transitive dependencies present

**3NF**

PROPERTY (property\_id, building\_id, building\_value)

BUILDING (building\_id, building\_size, building\_class)

PROPERTY\_INSURANCE (property\_id, building\_id, insurance\_code, insurance\_start-date, insurance\_end-date)

INSURANCE (insurance\_code, insurance\_name)

PROPERTY\_EVENT (property\_id, building id, event\_id, event\_start-date, event\_damage, event\_destroyed)

EVENT (event\_id, event\_name)

Full dependencies:

property\_id, building\_id -> building\_value

building\_id -> building\_size, building\_class

property\_id, building\_id, insurance\_code -> insurance\_start-date, insurance\_end-date

insurance\_code -> insurance\_name

property\_id, building id, event\_id -> event\_start-date, event\_damage, event\_destroyed