

Group 6: Camila Matoba and Bram Delisse

Assignment for JBP051-B-6: Foundations of Databases

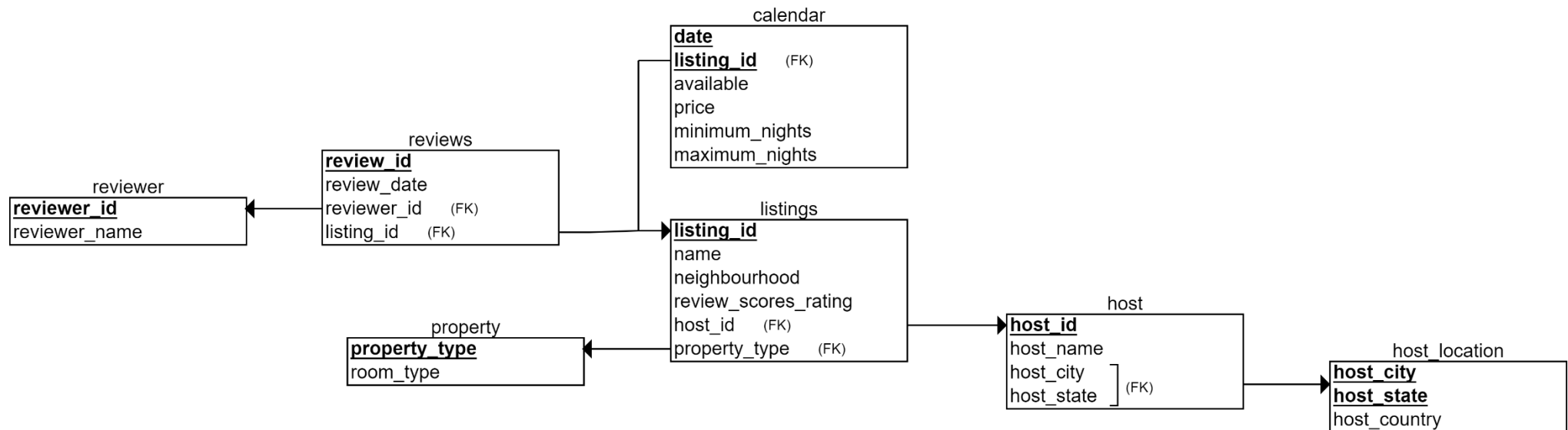
Spring semester 2021

Task 2: 3NF relational schema

Database chosen: Airbnb data for Amsterdam, North Holland, The Netherlands (modified to only useful columns)

Source: <http://insideairbnb.com/get-the-data.html>

Tables on the Third Normal form:



Original Tables:

| 1NF | | | | | | | | | | | | |
|----------|-------------------|------------------|-----------|-------------|----------------|----------------|--------------|---------------|---------------|-----------|----------------------|--|
| calendar | <u>listing_id</u> | <u>date</u> | available | price | minimum_nights | maximum_nights | | | | | | |
| reviews | listing_id | <u>review_id</u> | date | reviewer_id | reviewer_name | | | | | | | |
| listings | <u>listing_id</u> | name | host_id | host_name | host_city | host_state | host_country | neighbourhood | property_type | room_type | review_scores_rating | |

Underlined attributes are key attributes.

(FK) indicated Foreign keys.