

Christopher Magnuson
Taylor Pedretti
Felipe Valadez
Zhenghao Zhou

Group 5 - Logical Design

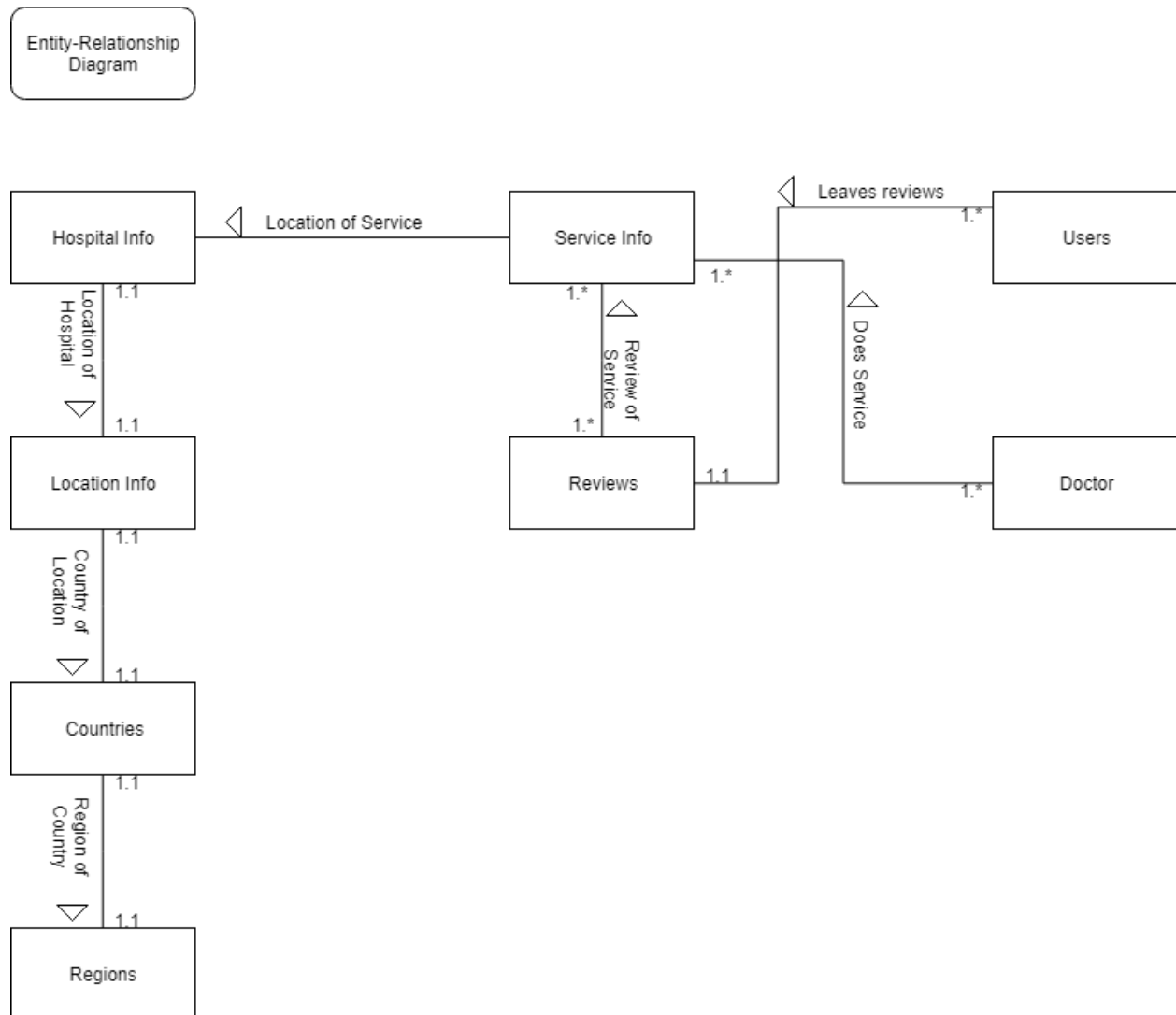
Functional Dependency:

username, password->unique_id, email, username, date_created, password, reviews_post_ids
unique_id, license_id, first_name, last_name-> review_id
hospital_id->hospital_id, name, review_id, location_id
location_id->location_id, street_address, postal_code, city, state_province, phone_number, country_id
country_id->country_id, country_name, region_id
region_id->regions_id, region_name
review_id->review_id, title, review_description
reviews_post_ids->review_id, title, review_description

Domains:

Date with in Users table
Hospital_id in Hospital Info and Service Info table
Location_id in Location info table
Country_id in Countries table
Region_id in Regions table
Date in Reviews table

Entity-Relationship:



Constraints on our design:

Some of the constraints on our design is that maybe a doctor works at two different hospitals, but has two different license ids or some type of different id that identifies them. A lot of hospitals title their services differently than other hospitals but they're the same thing that another hospital does but names it something else. Some services are written in code too and is hard for normal people to understand it, so may need to add more tables that can break down the medical terms and put it into normal english a normal person can understand.