Requirements specification/requirements analysis: (max 2 Pages, 12p)

What roles are there?

Host, Guest

What actions do these roles perform?

Host: provide housing information (address, amenities, size, price, photos), provide feedback (answer questions), rate guests

Guest: search and compare houses, book houses, rate the experience

Which data and functions are required?

Data:

Tables:

Guests, Hosts, Properties

Attributes:

Guest\_ID (artificial primary key), Guest\_first\_name, Guest\_last\_name, Host\_ID (artificial primary key), Host\_first\_name, Host\_last\_name, Host\_properties (foreign keys), Property\_ID (artificial primary key), Property\_address,

Functions:

ERM: (20+ entities, 2-3 triple relationships (join over 3 tables), may contain recursive relationships, specify all cardinalities (e.g. Chen notation), short description of your current attributes in a data dictionary (name, data type))

Description of my work (steps within this phase: problem scope, solution idea, etc) (half page, 12p):

The task is to create a database