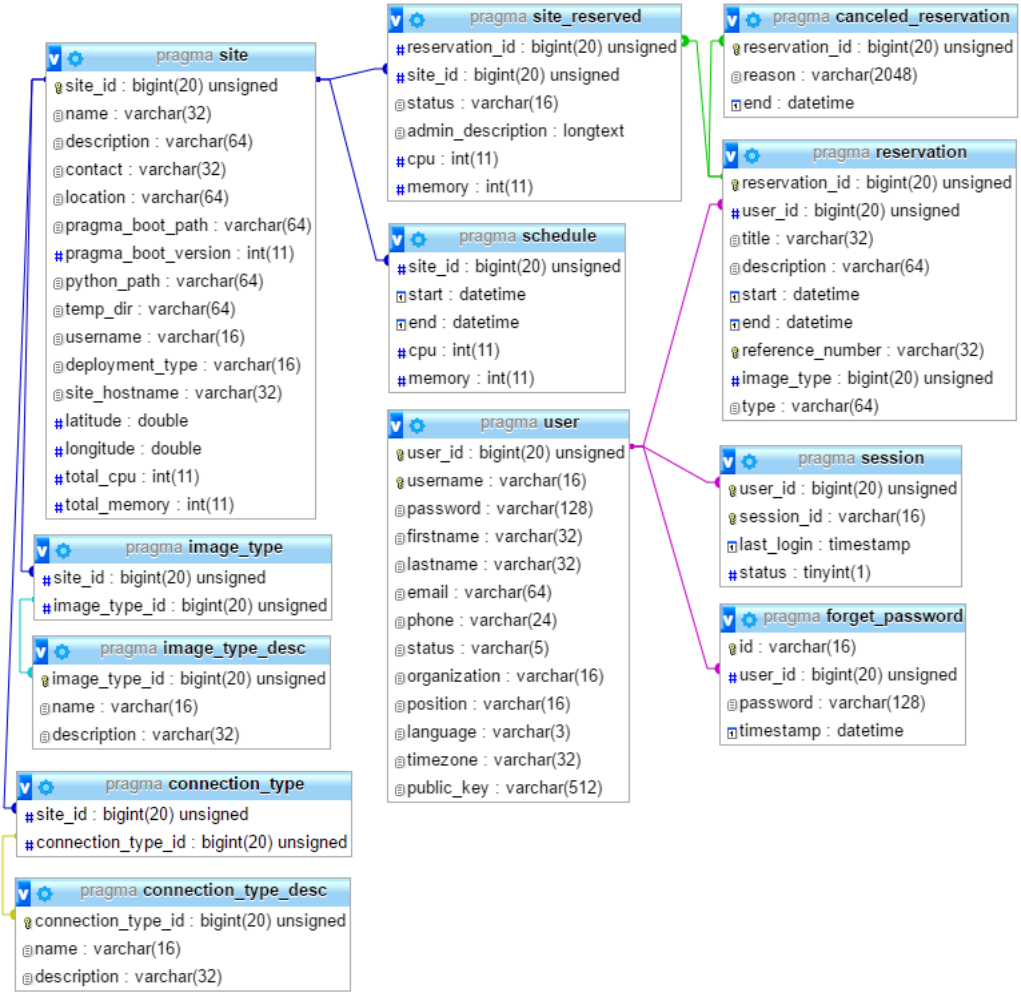
Priority list

- (High) Basic search for multi sites. User specify only total memory and CPU and date.
    - Search with reservation date.
    - Search with with total CPU and memory.
- (High) Reserve multi site from map page.
- (Medium) Reserve multi site from search page.
- (Medium) Sort result by criteria.
    - Sort by name.
    - Sort by CPU speed.
    - Sort by network speed.
    - Sort by available CPU.
    - Sort by available memory.
    - Sort by date (only user specify day and hour).
- (Medium) Advance search for multi sites.
    - Search each site with name.
    - Search each site with CPU and memory.
- (Medium) Suggest others site when search result is not found.
- (Low) Fix number of sites for multi sites.
- (Low) Edit reservation (only resevation did not start).
    - check schedule from data that user edit.
- (Low) Search by region.
    - Multi site case has search same region in each site.

Task list

1. Design search's UI for support multi sites.
2. Make agreement for data that send from frontend to backend and backend to frontend.
3. Review and edit database schema.



The ER version of the current version, which in the ER we will add is to add a network and CPU speed in “site” table.In the table of the site And edit the “reservation” table by editing “reservation_id” supports muti-site (edit to match site More than 2)

4. Implement frontend and backend.
    a. Implement search UI. (Visaruth)
    b. Implement reserve UI from map page. (Visaruth)
    c. Implement reserve UI from search page. (Visaruth)

    d. Implement backend search multi sites by criteria that recive from frontent. (Pasit)
    e. Implement reservation multi sites that user input from frontent. (Pasit)
5. Test system validity.
6. Design usability testing.
7. Test usability testing with user each group that we make group.
8. Summary test result.
9. Make document.

Question

1. Which one should we use as site's region? continent or country?
2. For multi sites reservation, is there any specific data for cluster setup for each site that we need to store?