**BUSINESS RULES**

1. The employees in the hospital: doctors, nurses, cleaners, security guards, directors, secretaries.
2. The hospital\_id , region\_id, wristband\_id are recorded in the hospital management system.
3. Every hospital has a certain number of wristbands.
4. There must be more than one hospital in each region.
5. Each hospital can belong to only one region.
6. A wristband can only belong to a hospital.
7. There may be a mutation in a patient. There can be not more than one mutation.
8. There are 5 different types of mutations in total. These are British, Chinese, Brazilian, South African, Indian.
9. Each bracelet color shows the patient's situation.
10. There are 3 colors in the bracelet. Red: sick, yellow: contacted, green: represents healthy individuals.
11. HES Code and wristband id are linked to each other.
12. There are 7 regions in the regions table.
13. Each patient's name, surname, region, hospital, variant type, wristband color, examination date and HES code are registered in the system.
14. The wristband cannot be removed from the wrist during the quarantine period (14 days).
15. Hes codes must be 12 digits. (12 characters including hyphens) For example: "ERS7-4P5T-72".
16. Regions are divided into four as Risky, Medium Risk, Low Risk and Safe according to the Covid risk group based on the number of sick people they host.
17. The location and the status of the bracelet are obtained from the user of the bracelet.