

## Team Members

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The following is a check-list for all the required documentation

- Documents From Part I:
  1. Class diagram.
  2. English description of all classes and associations.
  3. Denormalization paragraph(s)
  
- Documents From Part II:
  1. A revised design, based on feedback from the first part. This includes class diagrams and English descriptions of classes and associations.
  2. English description of all attributes.
  3. The relation scheme, based on the design.
  4. DDL used to create all the tables
  5. DML used to insert the data
  6. Queries to produce the reports, as described below
  7. Sample output of each of the queries

- Business Rules

- 1.

- 2.

- 3.

- Views

1. Employees-Hired: This view returns the First Name, Last Name, and Date Hired of all Hospital Employees.

2. NursesInCharge: This view returns the name of the Nurse in Charge for each Care Center along with the phone number of the Nurse.

3. GoodTechnician: This view returns all the Technicians how have at least one skill.

4. CareCenter-Beds: This view returns the name for each Care Center along with the number of beds that are assigned to patients (occupied beds), the number of beds not assigned to patients (free beds), and the total number of beds.

5. OutPatientsNotVisited: This view returns all OutPatients who have not been visited by a Physician yet.

- Queries

1. For each Job Class list all the staff members belonging to this class.
2. Find all Volunteers who do not have any skills.
3. List all Patients who are also Volunteers at the Hospital.
4. Find each Outpatient who has been visited exactly once.
5. For each Skill list the total number of volunteers and technicians that achieve this skill.
6. Find all Care Centers where every bed is assigned to a Patient (i.e. no beds are available).
7. List all Nurses who have an RN certificate but are not in charge of a Care Center.
8. List all Nurses that are in charge of a Care Center to which they are also assigned.
9. List all Laboratories, where all assigned technicians to that laboratory achieve at least one skill.
10. List all Resident patients that were admitted after the most current employee hire date.
11. Find all Patients who have been admitted within one week of their Contact Date.
12. Find all Outpatients who have not been visited by a Physician within one week of their Contact Date.
13. List all Physicians who have made more than 3 visits on a single day.

14. List all Physicians that are responsible for more Outpatients than Resident Patients.

15. Find each Physician who visited an Outpatient for whom he or she was not responsible for.

16. Three more queries that involve the business rules that you added. Feel free to create more views for this.

a.

b.

c.