**Hong Zhang**

**CIS2710 CH9 Assignment**

**12/04/2013**

***Case Exercises 3:***

Emergency Room:

|  |  |  |
| --- | --- | --- |
| **Table** | **Column** | **Comments** |
| Physician Dimension | Physician\_ID | Primary Key |
| Physician\_Name |  |
| Department |  |
| Years\_Experience |  |
| Disposition Dimension | Disp\_ID | Primary Key |
| Disp\_Code |  |
| Reason | Any reasons |
| Visit\_Fact | Physician\_ID | FK to physician |
| Patient\_ID | FK to patient dimension |
| TR\_ID | FK to treatment\_room |
| Disp\_id | FK to disposition |
| Timekey | FK to time |
| Visit Start |  |
| Visit\_End |  |
| Patient\_Age |  |
| Diagnosis |  |
| Insurance\_Co |  |
| Symptoms |  |
| Patient Dimension | Patient\_ID | Primary key |
|  | Patient\_Name |  |
| Patient\_City |  |
| Patient\_State |  |
| Patient\_Zip |  |
| Patient\_DOB |  |
| Patient\_Gender |  |
| Treatment\_Room Dimension | TR\_ID | Primary Key |
| Location |  |
| Treatment\_Fact | Physician\_ID | FK to physician |
| Patient\_ID | FK to patient |
| Treatment\_ID | FK to treatment |
| Timekey | FK to time |
| results |  |
| Time Dimension | Timekey | Primary Key |
|  | Year |  |
| Quarter |  |
| Month |  |
| WeekNumber |  |
| WeekofMonth |  |
| DayofWeek |  |
| Day |  |

Dr. Z’s MS Center

|  |  |  |
| --- | --- | --- |
| **Table** | **Column** | **Comments** |
| Physician Dimension | Physician\_ID | Primary Key |
| Physician\_Name |  |
| Department |  |
| Years\_Experience |  |
| Medications Dimension | Med\_ID | Primary Key |
| Type |  |
| Description |  |
| Visit\_Fact | Physician\_ID | FK to physician |
| Patient\_ID | FK to patient dimension |
| Timekey | FK to time |
| Visit Start |  |
| Visit\_End |  |
| Patient\_Age |  |
| Insurance\_Co |  |
| Med\_Fact | Patient\_ID | FK to patient |
| Med\_ID | FK to medications |
| Dosage |  |
| Patient Dimension | Patient\_ID | Primary key |
| Patient\_Name |  |
| Patient\_City |  |
| Patient\_State |  |
| Patient\_Zip |  |
| Patient\_DOB |  |
| Patient\_Gender |  |
| Last\_MRI\_Date |  |
| Last\_MRI\_Res |  |
| Time Dimension | Timekey | Primary Key |
| Year |  |
| Quarter |  |
| Month |  |
| WeekNumber |  |
| WeekofMonth |  |
| DayofWeek |  |
| Day |  |
| Symptom Dimension | Symptom\_ID | PK |
| Description |  |
| Lipid\_Fact | Patient\_ID | FK to patient |
| Timekey |  |
| LDL |  |
| Trig |  |
| HDL |  |
| Chol |  |
| Clinic\_Fact | Patient\_ID | FK to patient |
| Timekey |  |
| Blood\_pressure |  |
| weight |  |
| Advisory\_Fact | Patient\_id | FK to patient |
| Timekey |  |
| Advisory |  |
| Symptom\_Fact | Patient\_id | FK to patient |
| Symptom\_ID | FK to symptom |