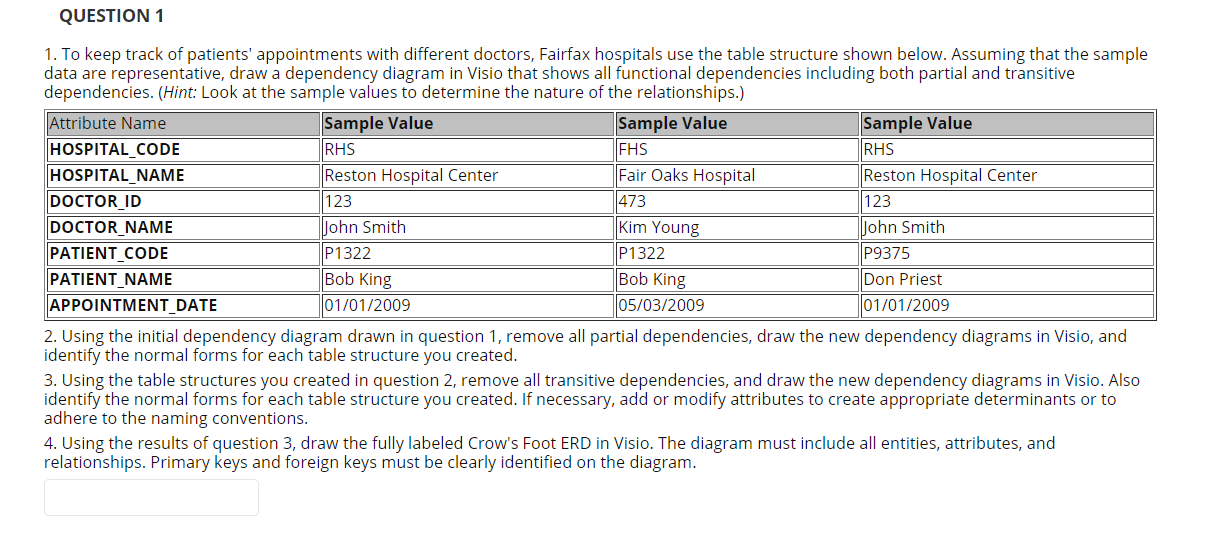
**AIT-524-003**

**Homework 5**



1. A screenshot of a cell phone

   Description automatically generated
2. Partial dependencies are removed, 2NF is achieved.

A screenshot of a cell phone

Description automatically generated HOSPITAL TABLE, DOCTOR TABLE, HOSPITAL\_DOCTOR TABLE.

HOSPITAL TABLE  
DOCTOR TABLE

HOSPITAL\_DOCTOR TABLE

1. Now, transitive dependencies are removed. 3NF is achieved.

A screenshot of a cell phone

Description automatically generated

HOSPITAL TABLE  
DOCTOR TABLE  
PATIENT TABLE

DOCTOR\_PATIENT TABLE(BRIDGING TABLE)

1. ERD Diagram.

A screenshot of a social media post

Description automatically generated