

# Intro to Mapping and GIS

## Lab Exercise #2 Introduction to ArcMap and data query

### ASSIGNMENT

#### Objective

The objective of this assignment is to identify an area "أرض فضاء" in which to build new high school in El Dokki District. This new school must be in an area

1. not within 100 meters of the existing schools
2. not within 500 meters of the existing hospitals
3. not within 500 meters of the existing Clubs
4. within 50 meters of a street
5. with an area of at least 5,000 square meters

#### Deliverables

Turn in a report addressing this objective. This report should include a map of the potential area(s) in which to build the high school. A second map should be used to illuminate your methodology, such as the buffers generated in the course of the analysis.