

## **ITGS File-maker Pro Database Project – Computer Viruses**

You are to create a relational database with two tables on the following topic: **Computer Infections**. You must create the design first as suggested on ITGS online.

Create two tables with fields below. (One table will have some of the fields and the other table will have the other fields.) After you create the tables, you are to create a relationship between the tables, three different queries, as outlined below, four different reports, as outlined below, and a form with interactive buttons.

### **Fields:**

Name of infection, type of infection (virus, Trojan, worm or other), date of discovery, Operating System attacked, description of what the infection was or is designed to do, type of delivery (email, downloads, etc...), what type of damage did the infection actually do.

### **Validation:**

Add validation rules for any fields that you believe can be validated to stop GIGO. Use a variety of rules.

### **Queries:**

1. Name of infection, type of infection, and OS...
2. Name of infection, description of what the infection was or is designed to do and type of delivery...
3. Name of infection, type of infection and actual damage done by it...

### **Reports:**

Produce one for each query and one for all of the fields in both tables.

### **Interactive Buttons on form:**

Create a button to produce each report and navigational buttons (first record, next record and last record) and a submit button. Make sure the form has a title; ACS-Logo with IT Maintenance added into the logo somewhere.

After you have created all of the above, fill in the data via your form. You will need no more than 20 records. You can use the following websites to help with your research: - <http://www.symantec.com/index.jsp>, <http://www.mcafee.com/us/>. Use this site for information about computer security: - <http://www.albany.edu/its/besecure.htm>

### **Produce a Guide:**

Produce a *video guide* for the IT technician that would fill in more records whenever a virus was found on the ACS School network. Place this as an embedded weblog post on ITGS online.