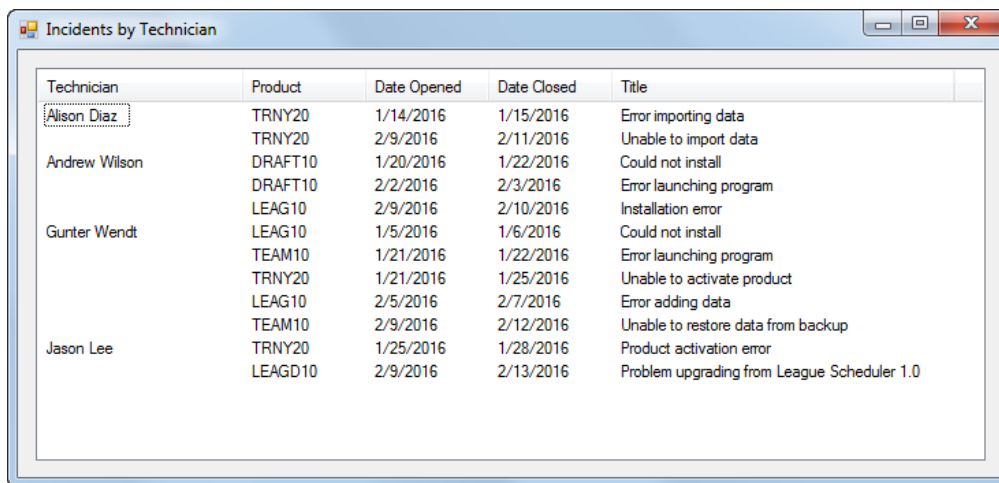# Lab Assignment 6

Part 1 (15 pts)

For this project, you'll develop an application that displays closed incidents by technician.

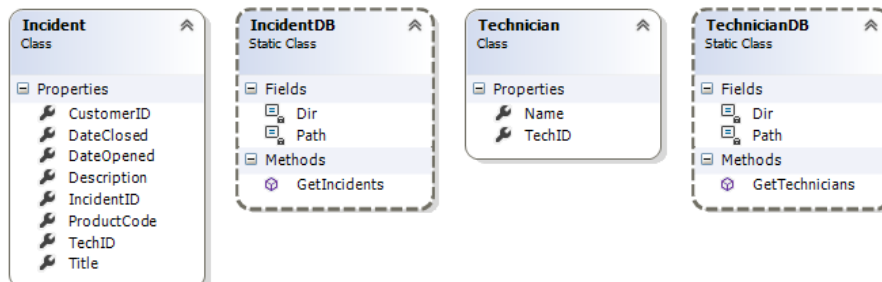## The design of the Incidents by Technician form

Operation

- When this application starts, all the closed incidents are listed by technician in a ListView control.

Specifications

- Add the following classes to the project:

The GetTechnicians method in the TechnicianDB class should return a List<Technician> object, and the GetIncidents method in the IncidentDB class should return a List<Incident> object. These objects should be loaded from text files named Technicians.txt and Incidents.txt that your instructor gives you.

- Use LINQ to define a query expression that will return the fields required by this application from the List<> objects. Only the closed incidents should be returned, and those incidents should be sorted by the date opened within the technician name.

- Include the technician name only for the first incident for each technician.

Hint

- Because the fields in the Incidents text file that store the technician ID and date closed can contain empty strings, you will need to define the TechID and DateClosed fields in the Incident class as nullable. Then, when you retrieve the values for an incident from the text file, you can check these fields to see if they contain empty strings. If they do, you can assign null to the fields in the Incident object.