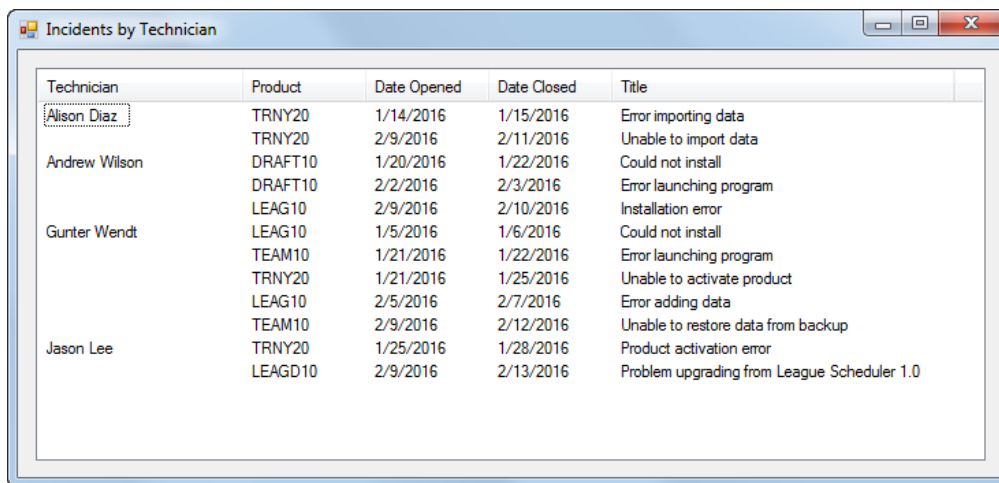


Lab Assignment 6

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



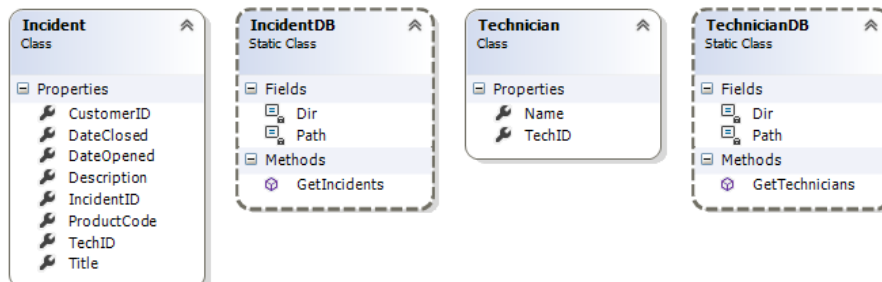
Technician	Product	Date Opened	Date Closed	Title
Alison Diaz	TRNY20	1/14/2016	1/15/2016	Error importing data
	TRNY20	2/9/2016	2/11/2016	Unable to import data
Andrew Wilson	DRAFT10	1/20/2016	1/22/2016	Could not install
	DRAFT10	2/2/2016	2/3/2016	Error launching program
Gunter Wendt	LEAG10	2/9/2016	2/10/2016	Installation error
	LEAG10	1/5/2016	1/6/2016	Could not install
	TEAM10	1/21/2016	1/22/2016	Error launching program
	TRNY20	1/21/2016	1/25/2016	Unable to activate product
	LEAG10	2/5/2016	2/7/2016	Error adding data
Jason Lee	TEAM10	2/9/2016	2/12/2016	Unable to restore data from backup
	TRNY20	1/25/2016	1/28/2016	Product activation error
	LEAGD10	2/9/2016	2/13/2016	Problem upgrading from League Scheduler 1.0

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.