# CSC173 Formal Models and Computation
# Project 4 Submission Form

Complete this form using a PDF viewer/reader, save it, and submit it with your code on BlackBoard.

Last name:                         First name:

NetID:

File containing your `main` function:

Did you use "`-std=c99 -Wall -Werror`"?

Check one: Yes        No        I don't know

Does your code have a clean report from `valgrind`?

Check one: Yes        No        I don't know

**Part 1**

Data structures for relations from registrar database (structs, hashtables, etc.):

Implementation of basic single-relation operations (*insert*, *delete*, and *lookup*):

Example 8.2 operations:

Implementation of database save/load:

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**Part 2**

Function for "What grade did *StudentName* get in *CourseName*?" (name and filename):

Function for "Where is *StudentName* at *Time* on *Day*?" (name and filename):

**Part 3**

Implementation of Relational Algebra operations:

Code to demonstrate these on Examples 8.12–8.15:

Put any other comments and helpful descriptions in your writeup.