Nicole Smith

CIS 310-01

A1

11.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STU\_ID | STU\_NAME | CLASS\_CODE | CLASS\_NAME | CLASS\_CREDHRS | INSTR\_NAME | CLASS\_DAYS | CLASS\_TIMES | ROOM |
| 1903740 | NICOLE SMITH | CIS310 | DATABASE DESIGN | 3 | GUAN | MW | 11:00 – 12:15 | BUSINESS 008 |
| 1903740 | NICOLE SMITH | CIS350 | INFRASTRUCTURE TECH | 3 | ZURADA | TTH | 11:00 – 12:15 | BUSINESS 008 |
| 1903740 | NICOLE SMITH | PHIL225 | BUSINESS ETHICS | 3 | BARNES | TTH | 1:00 – 2:15 | HUMANITIES 114 |
| 1903740 | NICOLE SMITH | CLAW301 | LEGAL ENVIRONMENT BUSINESS | 3 | FOUST | T | 5:30 – 8:15 | BUSINESS 226 |
| 1841117 | BROOKE FISHER | CIS310 | DATABASE DESIGN | 3 | GUAN | MW | 1:00 – 2:15 | BUSINESS 008 |
| 1841117 | BROOKE FISHER | CIS320 | SYSTEM ANALYSIS AND DESIGN | 3 | BARKER | MW | 9:30 – 10:45 | BUSINESS 008 |
| 1841117 | BROOKE FISHER | MKT460 | INTEGRATIVE MARKETING STRATEGY | 3 | SHARP | MW | 11:00 – 12:15 | BUSINESS 131 |
| 1841117 | BROOKE FISHER | CIS350 | INFRASTRUCTURE TECHNOLOGY | 3 | ZURADA | TUTH | 11:00 – 12:15 | BUSINESS 008 |
| 1902891 | DANNY THOMPSON | CIS320 | SYSTEM ANALYSIS AND DESIGN | 3 | BARKER | MW | 9:30 – 10:45 | BUSINESS 008 |
| 1902891 | DANNY THOMPSON | CIS310 | DATABASE DESIGN | 3 | GUAN | MW | 11:00 – 12:15 | BUSINESS 008 |
| 1902891 | DANNY THOMPSON | ACCT430 | AUDITING | 3 | WADE | MW | 2:30 – 3:45 | BUSINESS 205 |
| 1902891 | DANNY THOMPSON | ACCT353 | ACCOUNTING FOR NOT-FOR-PROFIT ORGANIZATIONS | 3 | FAIRCLOTH | T | 5:30 – 8:15 | BUSINESS 123 |
| 1902891 | DANNY THOMPSON | MGMT401 | OPERATION MANAGEMENT | 3 | SCOTT | TH | 5:30 - 8:15 | BUSINESS 226 |

C.

There is a repetition of information throughout the table. The student ID and student name are repeated for every entry into the spreadsheet, thus creating redundancy. This is information that is consistent for the student regardless of the class that is being taken and should be listed in its own table. The repetition of this information could create an update anomaly if someone were to change their last name, class schedule change, or just an error from typing an entry. When an update would need to be made to the student ID, it would have to be made for every instance of the student. This creates the possibility for an error because the ID would need to be individually typed in and could result in a typo thus creating an inconsistency. Because of this redundancy, there is data inconsistency. If there is an input error, then one student ID will have certain information that contrasts with the data entered. Along with the student information being repeated, the class information is also repetitive and should be contained within its own table as well to prevent redundancy and inconsistencies.