Taibah CS Data

1. **Courses:**

|  |  |  |
| --- | --- | --- |
| courseCode | courseName | creditHours |
| CS111 | Programming 1 | 4 |
| CS112 | Programming2 | 4 |
| CS103 | Discrete Structures | 3 |
| CS211 | Algorithms and Data Structures | 4 |
| CE211 | Digital Logic Design | 4 |
| CS 281 | Introduction to Software Engineering | 3 |
| CE224 | Computer Organization and Architecture1 | 4 |
| CE 332 | Computer Networks | 4 |
| CS 284 | Software Modelling and Analysis | 4 |
| CS 301 | Theory of Computation | 3 |
| CS 323 | Operating Systems | 4 |
| CS 362 | Intelligent Systems | 3 |
| CS 372 | Database Systems | 4 |
| CS 451 | Computer Graphics | 4 |
| CS 433 | Computer Security | 4 |
| CS 424 | Introduction to Parallel Computing | 4 |

1. **Faculty Members: Lecturers and TAs**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Faculty ID | First Name | Last Name | Academic Rank | Academic Specialization | Maximum Number Of Courses | Quota Of Credit Hours | Assigned Courses |
| 001 | Nora | Ahmad | Lecturer | Algorithms | 3 | 12 | [CS111, CS103]\* |
| 002 | Nora | Abdullah | Lecturer | Natural Language Processing | 3 | 12 |  |
| 003 | Maryam | Mohammad | Lecturer | Computer Security | 3 | 12 |  |
| 004 | Samar | Jamal | Lecturer | Software Engineering | 3 | 12 |  |
| 005 | Fatimah | Ali | Lecturer | Computer Science | 3 | 12 |  |
| 006 | Hanan | Hassan | Lecturer | Machine Learning | 3 | 12 |  |
| 007 | Abrar | Talal | TA | Computer Security | 4 | 14 |  |
| 008 | Rawan | Omar | TA | Computer Science | 4 | 14 |  |
| 009 | Jameelah | Adel | TA | Computer Science | 4 | 14 |  |
| 010 | Huda | Abdulmajeed | TA | Software Engineering | 4 | 14 |  |
| 011 | Mohammed | Majed | TA | Software Engineering | 4 | 14 |  |
| 012 | Lama | Osama | TA | Computer Science | 4 | 14 |  |
| 013 | Noor | Ayman | TA | Machine Learning | 4 | 14 |  |

1. **Conveners:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Faculty ID | First Name | Last Name | Academic Rank | Academic Specialization | courses | members |
| 014 | Najwa | Ahmad | Assistant Professor | Computer Science | [CS111,CS112]\* | [001,005,010,011]\* |
| 015 | Ali | Khaled | Assistant Professor | Computer Science |  |  |
| 016 | Sara | Ibrahim | Assistant Professor | Computer Security |  |  |
| 017 | Layla | Mohammad | Associate Professor | Intelligent Systems |  |  |
| 018 | Mohammad | Mostafa | Professor | Machine Learning |  |  |

\*Notes:

* Note that courses, assigned courses and members are instances of Course and Lecturer/TA classes, just the course code and faculty id are written here for simplicity.
* One example of courses / assigned courses and members are filled out for you. The remaining courses and members should be filled in by executing the program and allocating the courses to members.