**Exercise: Student Grades**

You are working an on application to store student data for the several departments in the College of Engineering. Based on the data in the following table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***SID*** | ***name*** | ***email*** | ***CID*** | ***Dept*** | ***grade*** |
| 142 | Bart | bart@fox.com | CPS196 | CECS | B- |
| 142 | Bart | bart@fox.com | EPS114 | EE | B |
| 123 | Milhouse | milhouse@fox.com | CPS196 | CECS | B+ |
| 857 | Lisa | lisa@fox.com | CPS196 | CECS | A+ |
| 857 | Lisa | lisa@fox.com | MPS130 | ME | A+ |
| 456 | Ralph | ralph@fox.com | EPS114 | EE | C |
| 217 | Maggie | Maggie@fox.com | CPS196 | CECS | B- |

• Draw the relation scheme for this table as it is shown above. Identify the primary key.

• Draw the relation scheme for a lossless join decomposition of this table.