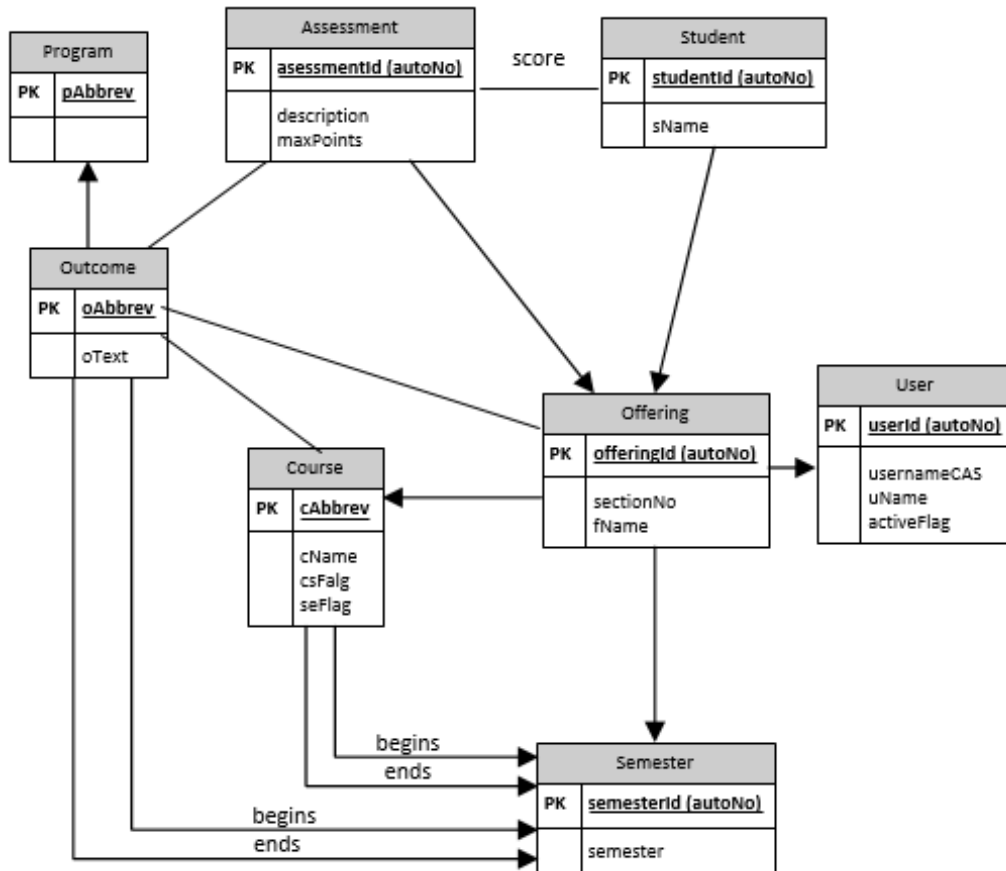1. The text describes for phases for building relational databases.
   - Data modeling – determining entities and relationships, attributes may be composite and multivalued
   - Logical db design – normalize relational schema with foreign keys and join tables
   - Physical db design– choose data types and indices
   - Deployment and maintain – determine where tables will reside

For AbOut:

The above is represents which of the following?
   a. Data modeling
   b. Logical database design
   c. Physical database design
   d. Deployment and maintenance

MongoDB is an example of complex-object stores while Hadoop can deal with huge amounts of data as text files.

2. Say an application needs to a large amount of information on each session. A good option would be?
   a. Relational db like MySQL or SQLServer
   b. MongoDB
   c. Hadoop
   d. None of the above

3. Say an application wants to store log information. A good option would be?
   a. Relational db like MySQL or SQLServer
   b. MongoDB
   c. Hadoop
   d. None of the above