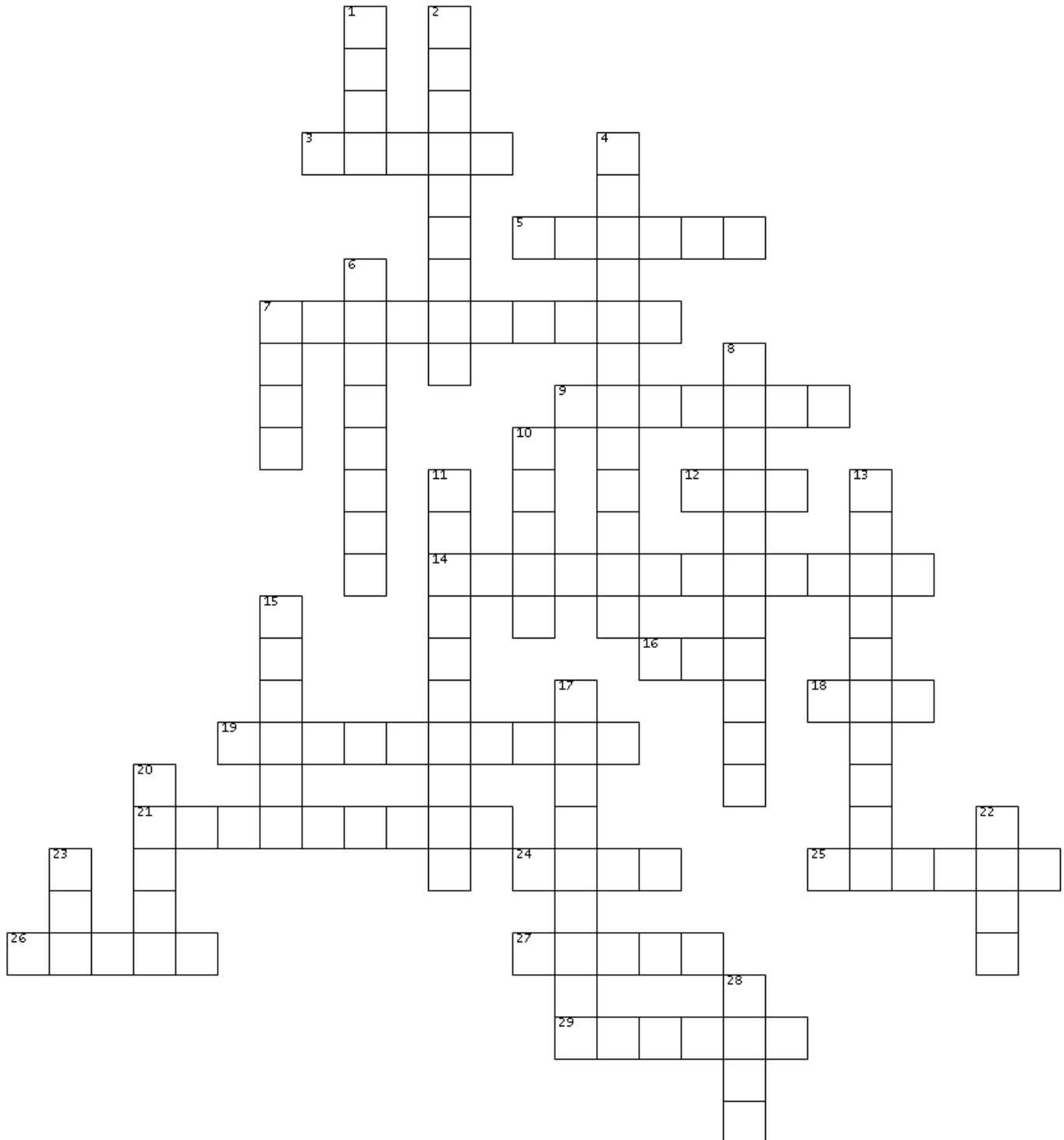


CS 3200 - Database Design - Fontenot
Homework 06 - Review Crossword Puzzle

Early Submission for EC Deadline: Wednesday, Aug 13, 2025, @ 11:59 pm to Gradescope

Regular Submission Deadline: Thursday, Aug 14 @ 11:59 pm to GradeScope

Use the clues on page 2 to complete the crossword puzzle below. You can export this to PDF and fill out on an iPad or other Tablet, or print and fill out by hand (and then scan in and upload to Gradescope).



ACROSS

3. A data structure that improves the speed of data retrieval.
5. A database object used to traverse and fetch rows from a result set.
7. A rule that limits the type of data that can be stored in a table.
9. An architectural style for designing networked applications that use HTTP requests to access and use data, where the data can be in various formats, such as JSON or XML.
12. Acronym for the part of SQL used for defining and modifying database structures.
14. A connection between two entities that shows how they interact or are associated with each other in a database.
16. Acronym for the part of SQL used for inserting, updating, and deleting data.
18. Acronym for Entity-Relationship Diagram, a visual representation of a database's structure.
19. An entity that cannot be uniquely identified by its attributes alone and relies on a foreign key from another entity.
21. An abstract model that organizes elements of data and standardizes how they relate to one another.
24. A virtual table based on the result set of an SQL query.
25. A high-level, interpreted programming language we used to implement our REST Api
26. a Python framework for creating REST Apis
27. A request for data or information from a database.
29. A real-world object or concept that can have data stored about it.

DOWN

1. Last name of creator of entity-relationship model
2. Ensuring the accuracy and consistency of stored data.
4. An entity that can be uniquely identified by its own attributes without relying on any other entity.
6. In the context of web services, a specific URL or URI at which an API interacts with the system and receives requests or sends responses.
7. Last name of creator of relational model
8. The number of elements in one entity related to the number in another.
10. A collection of related data entries structured in rows and columns.
11. A column that creates a relationship between two tables.
13. A column or set of columns that uniquely identifies each row in a table.
15. A blueprint or architecture of how a database is structured.
17. A property or characteristic of an entity.
20. Acronym for Relational Database Management System, software for creating and managing relational databases.
22. Operation used to combine rows from two or more tables based on a related column.
23. Acronym for Structured Query Language, used for managing data in relational databases.
28. The protocol used for transmitting web pages over the Internet, serving as the foundation of data communication in web development.