|  |  |  |  |
| --- | --- | --- | --- |
| Name |  | |  |
| Score | / 20 |  |  |
| Update Value | |  |  |
| Make all corrections and resubmit to earn update points | | | |

**Relational Database Development**

150-156

**Database Design Evaluation Form**

**Henry Books & Alexamara Marina**

🗹 Update Recommended

**Henry Books**

* (½ point) ERD includes 7 tables
* (½ point) Table names meet course standards
* (½ point) Tables linked correctly and cardinalities are correct
* (½ point) Each table designates primary key(s)
* (½ point) Each table designates linking fields

**Authors**

* (½ point) Key is integer, autonumber
* (½ point) Names designated as Title Case
* (½ point) Appropriate logical keys designated

**Books**

* (½ point) Key is integer, autonumber
* (½ point) Publisher ID designated as integer, link and lookup.
* (½ point) Type ID designated as integer, link and lookup.
* (½ point) Title format is Title Case
* (½ point) Price is numeric
* (½ point) Paperback is T1 or boolean
* (½ point) Appropriate logical keys designated

**BookTypes**

* (½ point) Key is integer, autonumber
* (½ point) Type format is Title Case
* (½ point) Appropriate logical keys designated

**Branches**

* (½ point) Key integer, autonumber
* (½ point) Branch name and location format is Title Case
* (½ point) Number of employees is numeric
* (½ point) Appropriate logical keys designated

**Inventories**

* (½ point) Book ID and branch ID designated as keys, integers, linking fields and lookups
* (½ point) On hand is numeric
* (½ point) Appropriate logical keys designated

**Publishers**

* (½ point) Key is integer, autonumber
* (½ point) Publisher name and city formats are Title Case
* (½ point) Appropriate logical keys designated

**Wrote**

* (½ point) Book ID and author ID designated as keys, integers, linking fields and lookups.
* (½ point) Sequence is numeric, >=1
* (½ point) Appropriate logical keys designated

**Alexamara Marina**

* (½ point) ERD includes 5 tables
* (½ point) Table names meet course standards
* (½ point) Tables linked correctly and cardinalities are correct
* (½ point) Each table designates primary key(s)
* (½ point) Each table designates linking fields

**Marinas**

* (½ point) Key is integer, autonumber
* (½ point) Name, address, city format are Title Case
* (½ point) State format is uppercase, validation is correct
* (½ point) Zip validation is correct
* (½ point) Appropriate logical keys designated

**MarinaSlips**

* (½ point) Key is integer, autonumber
* (½ point) Marina ID and owner ID designated as integers, links and lookups.
* (½ point) Slip number is text 2
* (½ point) Length and rental fee are numeric
* (½ point) Boat name and type format designated as Title Case
* (½ point) Appropriate logical keys designated

**Owners**

* (½ point) Key is integer, autonumber
* (½ point) First and last name format designated as Title Case
* (½ point) Address, city, state, zip consistent with Marinas
* (½ point) Appropriate logical keys designated

**ServiceCategories**

* (½ point) Key is integer, autonumber
* (½ point) Category description size appropriate; not Title Case
* (½ point) Appropriate logical keys designated

**ServiceRequests**

* (½ point) Key is integer, autonumber
* (½ point) Slip ID and category ID designated as integers, links and lookups.
* (½ point) Description and status designated as text
* (½ point) Estimated hours and hours spent are numeric
* (½ point) Next service date type is Date
* (½ point) Appropriate logical keys designated
* **(+½ point)** Appropriate additional field added
* (½ point) All field names are camelback
* (½ point) Tables list in alphabetic order in data dictionaries