**TODO: Need to sort this alphabetically.**

Data Dictionary (Conceptual / for ER Modeling)

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| --- | --- | --- |
| **Schema Construct** | **Construct Description** | **Other Information** |
| **QUESTIONS** | Entity Class to model Question information | |
| * questionID | Identifying number of the question | Identifying attribute |
| * version | Version number to track question record updates | Identifying attribute |
| * questionText | Text entered for the question. Ex: “What is your Name?” | Attribute should not contain NULL values |
| * lastModifedUser | Tracks the user who modifies the record | Attribute should not contain NULL values |
| * lastModifiedDate | Tracks the date when the record was last modified | Attribute should not contain NULL values |
| **QUESTION\_TYPES** | Entity Class to model Question information | |
| * questionTypeID | Identifying number of the Question type | Identifying attribute |
| * questionType | Name given to the Question Type | Attribute should not contain NULL values |
| **Classify** | Relationship that models the classification of Questions | |
| **TOPIC\_TAGS** | Entity Class to model topic tag information | |
| * topicID | Identifying number of the topic tag | Identifying attribute |
| * topicName | Name entered for the Topic tag by the user. | Attribute should not contain NULL values |
| * topicDescription | Description of the Topic tag. | Attribute is optional to save the record |
| * lastModifedUser | Tracks the user who modifies the record | Attribute should not contain NULL values |
| * lastModifiedDate | Tracks the date when the record was last modified | Attribute should not contain NULL values |
| **Tagged** | Relationship that models the topics tagged to questions | |
| **ANSWERS** | Entity Class to model Answer information | |
| * answerID | Identifying number of the answer | Identifying attribute |
| * answerText | Text given for the answer. | Attribute should not contain NULL values |
| **Classify** | Relationship that models the classification of answers | |
| **QUESTION\_ANSWERS** | Weak Entity Class to model Question – Answer Mapping details | |
| * displayOrder | Number to track the order the answers are shows in a question | Partial Identifier |
| **ANSWER\_TYPES** | Entity class to model the standard list of answer types | |
| * typeID | Identifying number of the answer type | Identifying attribute |
| * typeName | Name given to the Answer Type | Attribute should not contain NULL values |
| **PROJECTS** | Entity Class to model Project information | |
| * projectID | Identifying number of the Project | Identifying attribute |
| * projectName | Name entered for Project by the user. | Attribute should not contain NULL values |
| * lastModifedUser | Tracks the user who modifies the record | Attribute should not contain NULL values |
| * lastModifiedDate | Tracks the date when the record was last modified | Attribute should not contain NULL values |
| **Has (PROJECT\_QUESTION\_MAPPING)** | Relationship that models the questions assigned to projects. | |
| **PROJECT\_QUESTION** | Weak entity class to model the Project - Question | |
| * displayOrder | Number to track the order the questions are shows in a project. | Partial Identifier |
| * date | Date when the questions are added to the project | Attribute should not contain NULL values |
| **QUESTION\_SELECTION\_HISTORY** | Entity to model the history of question added/removed from a project or an industry. | |
| * historyID | Identifying number of the history record | Identifying attribute |
| * date | Date when the change happened in the Project or Industry mapping record | Attribute should not contain NULL values |
| **PROJECT\_AUDIT\_TRAIL** | Weak entity class to model the audit trail associated for a given Project-Question pair. | |
| * trailID | Identifying number of the Audit trail | Identifying attribute |
| **Tracked (PROJECT\_AUDIT\_TRAIL)** | Relationship that models the audit trail for the Project-Question tracking. | |
| **HISTORY\_TYPES** | Entity to model the standard set of History types. This one is to make it easy in the future when we need to track other type of records in the audit trail. | |
| * typeID | Identifying number of the history type record | Identifying attribute |
| * typeName | Name given to the History Name | Attribute should not contain NULL values |
| **Grouped (HISTORY\_TYPE\_HISTORY)** | Relationship that models the classification of History records | Note: At the table level, the type would be an attribute in QUESTION\_SELECTION\_HISTORY that refers the name from the HISTORY\_TYPE entity for the name. Need to talk to people on how to model this. |
| **HISTORY\_MESSAGES** | Entity to model the standard set of messages to show in the QUESTION\_SELECTION\_HISTORY entity. | |
| * messageID | Identifying number of the History message. | Identifying attribute. |
| * messageName | Name given to the History Message | Attribute should not contain NULL values. |
| **Writes (HISTORY\_MESSAGES\_HISTORY)** | Relationship that model messages displayed in the history records. | Note: At the table level, the message would be an attribute in QUESTION\_SELECTION\_HISTORY that refers the name from the HISTORY\_MESSAGES entity for the name. Need to talk to people on how to model this. |
| **CLIENTS** | Entity to model the Client information | |
| * clientID | Identifying number of the client record | Identifying attribute |
| * clientName | Name entered for the Client by the user. | Attribute should not contain NULL values |
| * lastModifedUser | Tracks the user who modifies the record | Attribute should not contain NULL values |
| * lastModifiedDate | Tracks the date when the record was last modified | Attribute should not contain NULL values |
| **Has (CLIENT\_PROJECT)** | Relationship that models the projects created by clients | |
| **INDUSTRY** | Entity to model the Industry Information | |
| industryID | Identifying number of the industry record | Identifying attribute. |
| industryName | Name entered for the Industry by the user. | Attribute should not contain NULL values. |
| industryDesc | Description entered for the Industry by the user. | Attribute is optional to save the record |
| * lastModifedUser | Tracks the user who modifies the record | Attribute should not contain NULL values |
| * lastModifiedDate | Tracks the date when the record was last modified | Attribute should not contain NULL values |
| **Has (INDUSTRY\_QUESTION\_MAPPING)** | Relationship that models the questions assigned to Industry records. | |
| **PROJECT\_QUESTION** | Weak entity class to model the Project - Question | |
| * displayOrder | Number to track the order the questions are shows in an industry. | Partial Identifier |
| * date | Date when the questions are added to the industry | Attribute should not contain NULL values |
| **INDUSTRY\_AUDIT\_TRAIL** | Weak entity class to model the audit trail associated for a given Industry-Question pair. |  |
| * trailID | Identifying number of the Audit trail | Identifying attribute |
| **Tracked (INDUSTRY\_AUDIT\_TRAIL)** | Relationship that models the audit trail for the Industry-Question tracking. | |
| **USERS** | Entity to model the User information | |
| * userID | Identifying number of the User record. | Identifying attribute |
| * loginID | User’s Login ID | Attribute should not contain NULL values. |
| * name – firstName | User’s First name | Attribute should not contain NULL values. |
| * name – lastName | User’s Last name | Attribute should not contain NULL values. |
| * password | User’s Password | Attribute should not contain NULL values. |
| * email | User’s email | Attribute is optional to save the record.  **Note: Do we need this?** |
| **ROLES** | Entity to model the User roles | |
| roleID | Identifying number of the Role record | Identifying attribute |
| roleName | Name given to the role. | Attribute should not contain NULL values. |
| **Assign** | Relationship that models the roles assigned to a user. | |
| **FUNCTION** | Entity to model the Functions | |
| functionID | Identifying number of the Function record | Identifying attribute |
| functionName | Name given to the Function. | Attribute should not contain NULL values |
| **Map** | Relationship that models the functions mapped to roles. | |