**Tedsrate Documentation 3.0 (April 26, 2016)**

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# Introduction

## Abstract

## Project Information

# Server-side – PHP

## Overview

## Vanilla

### Start.php

### Assessment.php

### Adminproc.php

### Process.php & rater.php

### Other Services

## Code Igniter

### Restful API

### Internal API

# Client-side – JS

## Overview

## Vanilla

## AngularJS

### Assessment.js

### Admin.js

### Report.js

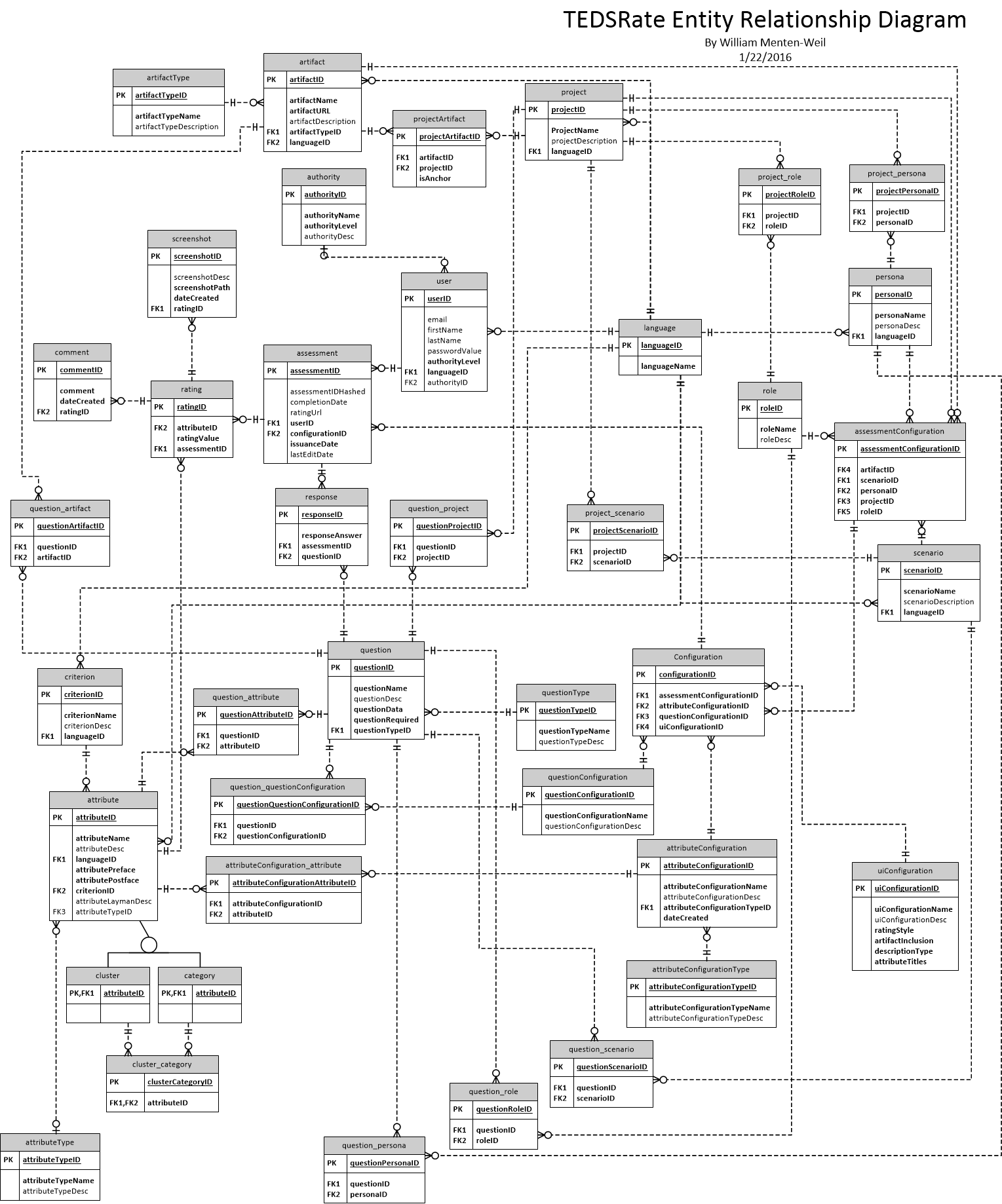
### tedsModels.js

### Directives

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| projectID | int(11) | No | *None* | AUTO\_INCREMENT |
| projectName | varchar(255) | No | *None* |  |
| projectDescription | varchar(255) | Yes | *NULL* | Should be ‘Desc’ |
| LanguageID | int(11) | No | 1 |  |

# MySQL

## Current ERD



## Table Schema

### Project

### Artifact

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| artifactID | int(11) | No | *None* | AUTO\_INCREMENT |
| artifactName | varchar(255) | No | *None* |  |
| artifactDescription | varchar(255) | Yes | *NULL* | Should be ‘Desc’ |
| LanguageID | int(11) | No | 1 |  |

### Scenario

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| scenarioID | int(11) | No | *None* | AUTO\_INCREMENT |
| scenarioName | varchar(255) | No | *None* |  |
| scenarioDescription | varchar(255) | No | *None* | Should be ‘Desc’ |
| LanguageID | int(11) | No | 1 |  |

### Persona

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| personaID | int(11) | No | *None* | AUTO\_INCREMENT |
| personaName | varchar(255) | No | *None* |  |
| personaDesc | varchar(255) | No | *None* |  |
| LanguageID | int(11) | No | 1 |  |

### Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| roleID | int(11) | No | *None* | AUTO\_INCREMENT |
| roleName | varchar(255) | No | *None* |  |
| roleDesc | varchar(255) | No | *None* |  |
| LanguageID | int(11) | No | 1 |  |

### Configuration

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| configurationID | int(11) | No | *None* | AUTO\_INCREMENT |
| configurationIDHashed | varchar(64) | Yes | *NULL* |  |
| attributeConfigurationID | int(11) | No | *None* |  |
| assessmentConfigurationID | int(11) | No | *None* |  |
| questionConfigurationID | int(11) | No | *None* |  |
| uiConfigurationID | int(11) | No | *None* |  |

The configuration entity serves as a container for four configuration modules: attribute, assessment, question and UI. It also provides an obscured ID in the form of a hash, so new users and assessment can be generated via the start.php script.

The attribute configuration module allows administrators to specify the selection of attributes used in the configuration. The options for this include the 40 original categories and the 12 compressed clusters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| attributeConfigurationID | int(11) | No | *None* | AUTO\_INCREMENT |
| attributeConfigurationName | Varchar(255) | No | *None* |  |
| attributeConfigurationDesc | Varchar(500) | Yes | *NULL* |  |
| attributeConfigurationTypeID | int(11) | No | *None* |  |
| dateCreated | Timestamp | No | *CURRENT\_TIMESTAMP* |  |
| uiConfigurationID | int(11) | No | *None* |  |

The assessment configuration module specifies the keys which define the study: the project, artifact (usually a website or mobile app), scenario, persona and role.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| assessmentConfigurationID | int(11) | No | *None* | AUTO\_INCREMENT |
| projectID | Int(11) | No | *None* |  |
| artifactID | Int(11) | No | *None* |  |
| scenarioID | int(11) | No | *None* |  |
| personaID | int(11) | No | *None* |  |
| roleID | int(11) | No | *None* |  |

The question configuration module serves as a target to associate with a group of questions. These can then be used throughout the project on multiple configurations or even across projects.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| questionConfigurationID | int(11) | No | *None* | AUTO\_INCREMENT |
| questionConfigurationName | varchar(255) | No | *None* |  |
| questionConfigurationDesc | varchar(500) | Yes | *NULL* |  |

The UI configuration module specifies the specific UI tweaks for the given configuration: The style of the rating input mechanism (Likert Scale or Textbox), whether or not to include the artifact, the type of description to use with each attribute and if attribute names should be displayed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| uiConfigurationID | int(11) | No | *None* | AUTO\_INCREMENT |
| uiConfigurationName | varchar(255) | No | *None* |  |
| uiConfigurationDesc | varchar(500) | Yes | *NULL* |  |
| ratingStyle | Varchar(100) | No | *None* |  |
| artifactInclustion | Varchar(100) | No | *None* |  |
| descriptionType | Varchar(100) | No | *None* |  |
| attributeTitles | Int(11) | No | *None* |  |

### Assessment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| assessmentID | int(11) | No | *None* | AUTO\_INCREMENT |
| assessmentIDHashed | varchar(64) | Yes | *NULL* |  |
| configurationID | Int(11) | No | *None* |  |
| userID | int(11) | No | *None* |  |
| completionDate | Datetime | Yes | *NULL* |  |
| issuanceDate | Datetime | No | *CURRENT\_TIMESTAMP* |  |
| lastEditDate | Datetime | Yes | *NULL* |  |
| ratingUrl | Varchar(2083) | Yes | *NULL* | Backward Compat |

### Attribute

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| attributeID | int(11) | No | *None* | AUTO\_INCREMENT |
| attributeName | varchar(255) | No | *None* |  |
| criterionID | Int(11) | Yes | *NULL* |  |
| languageID | int(11) | No | *None* |  |
| attributeDesc | Varchar(5000) | Yes | *NULL* |  |
| attributePreface | Varchar(100) | No | *‘Below Expectations’* |  |
| attributePostface | Varchar(100) | No | *‘Above Expectations’* |  |
| attributeTypeID | Int(11) | Yes | *NULL* |  |
| attributeLaymanDesc | Varchar(5000) | Yes | *NULL* |  |

### Rating

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| ratingID | int(11) | No | *None* | AUTO\_INCREMENT |
| assessmentID | Int(11) | No | *None* |  |
| ratingValue | Decimal(11,1) | Yes | *NULL* |  |
| attributeID | int(11) | Yes | *NULL* |  |

### Comment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| commentID | int(11) | No | *None* | AUTO\_INCREMENT |
| comment | varchar(64) | Yes | *NULL* |  |
| ratingID | Int(11) | No | *None* |  |
| dateCreated | Datetime | No | *CURRENT\_TIMESTAMP* |  |

### Screenshot

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| screenshotID | int(11) | No | *None* | AUTO\_INCREMENT |
| screenshotPath | varchar(1000) | No | *None* |  |
| screenshotDesc | Text | Yes | *NULL* | Should be varchar |
| ratingID | int(11) | No | *None* |  |
| dateCreated | Datetime | No | *CURRENT\_TIMESTAMP* |  |

### Question

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| questionID | int(11) | No | *None* | AUTO\_INCREMENT |
| questionName | Varchar(1000) | No | *None* |  |
| questionDesc | Varchar(2000) | Yes | *NULL* |  |
| questionData | Varchar(17000) | No | *None* |  |
| questionTypeID | Int(11) | No | *None* |  |
| questionRequired | Tinyint(1) | No | *None* |  |

### Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| responseID | int(11) | No | *None* | AUTO\_INCREMENT |
| responseAnswer | varchar(20000) | No | *None* |  |
| questionID | Int(11) | No | *None* |  |
| assessmentID | int(11) | No | *None* |  |

### User

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| userID | int(11) | No | *None* | AUTO\_INCREMENT |
| Email | Varchar(100) | Yes | *NULL* |  |
| firstName | Varchar(45) | Yes | *NULL* |  |
| lastName | Varchar(45) | Yes | *NULL* |  |
| languageID | Int(11) | No | *None* |  |
| passwordValue | Varchar(100) | Yes | *NULL* | Exposed password values |
| authorityLevel | Int(11) | No | *1* | Backward Compat |
| authorityID | Int(11) | Yes | *NULL* | Backward Compat |

### Associative Entities

## Stored Procedures

### addPartialUser

### addPersona

### addPersonaScenario

### addProject

### addProjectArtifact

### addRating

### addResponse

### addScenario

### addScreenshot

### addUser

### addUserRatingProgress

### getAllArtifacts

### getAllPersonae

### getAllProjects

### getAllScenarios

### getArtifact

### getAssessmentByUserConf

### getCategories

### getConfigurationAttributes

### getConfigurationCriterionAttributes

### getCriteria

### getProject

### getUser

### touchAssessment

### updateCategory

### updateUser

### updateCategory

# Worked Scenarios

## Starting a Project

## Creating a Configuration

## Running a Report

# Future Development Notice