**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

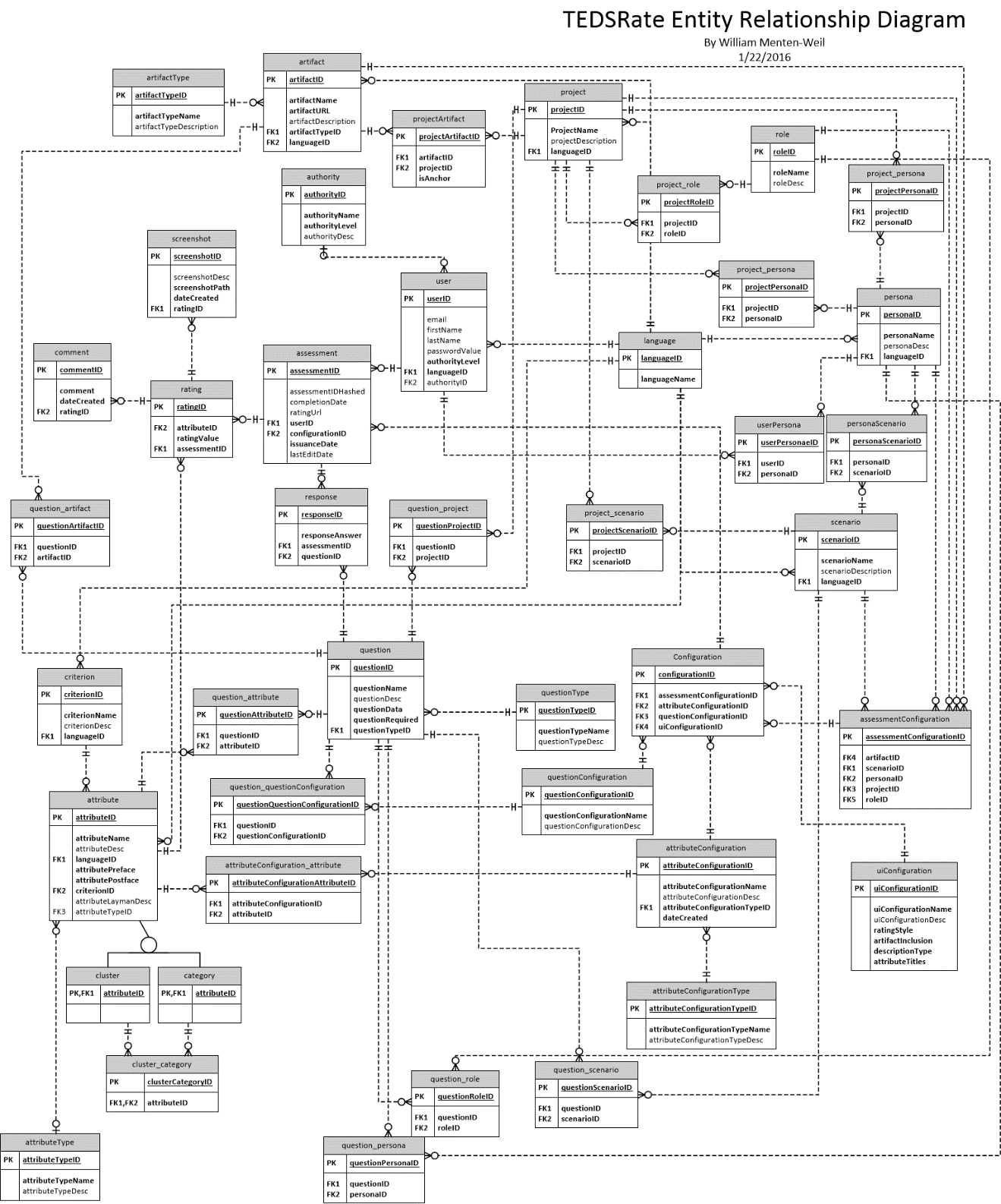
### Report.js

### tedsModels.js

### Directives

# MySQL

## Current ERD



## Table Schema

### Project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |  |

### 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 the four configuration modules, attribute, assessment, question and UI. It also provides an obscured ID in the form of a hash, so users can be generated an assessment via the start.php script.

The attribute configuration module allows administrator 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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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