Grant Percentage Tracker Docs

Ariel Roane

Biomedical Informatics and Biostatistics Intern

Summer ‘17

Table of Contents

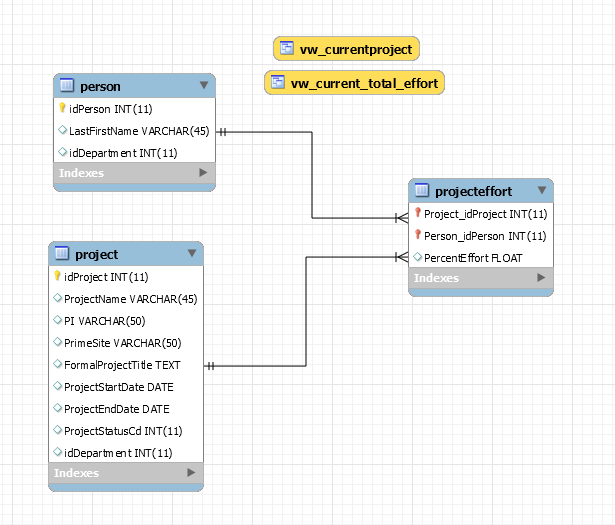
[Database Design 2](#_Toc485726749)

[MySQL Conceptual/Logical 2](#_Toc485726750)

[Website Procedures 2](#_Toc485726751)

# Database Design

## MySQL Conceptual/Logical



**Tables and View Descriptions**

## MySQL Physical

**Users and Privileges**

**Functions and Stored Procedures**

**Functions:**

Get\_effort2 – function to return the float value of a sum of percent efforts that a person has across projects in a certain date range

Get\_projects – function to return a comma separated list of projects that a person has within a certain date range

**Stored Procedures:**

Sp\_insert\_rel- stored procedure to insert relationship between a project and a person (insert a record into the percenteffort table)

Sp\_person\_info – selects all project information for a person

Sp\_project\_info – selects all person information for a project

Sp\_remove\_record – removes a record from the projecteffort table, thus removing a relationship between a person and a project. If the relationship is the last one that exists with a specific project, that project is removed

Sp\_test\_input – generates a year from date table of percent efforts for a person based on a date and percentage, uses temporary tables so can be used for testing

# Website Procedures