CS148

Sam Swanke, Tommy Ernst

Assignment: Final Project

CS148 Final Project: Ernst Family Genealogy

Version <1.0>

CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

Table Of Contents

Time Log **3**

Introduction **4**

Purpose 4

Definitions, acronyms, and abbreviations 4

Overall Description **4**

Story Board **4**

Assignment requirements ..... Error! Bookmark not defined.

Specific requirements **5**

CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

Time Log

		Estimated time to complete assignment =>	24 Hours
Date	Time Spent (in hours)	Description	Author
11/20/15	1	Create joint github account	TE & SS
11/25/15	3	Create tables, upload form and tables pages	TE
12/1/15	2	Update css, footer, top	SS
12/4/15	3	Update family history, work on sql statements	TE & SS
12/5/15	1	Write php for display people	SS
12/7/15	2	Update edit person, sql statements	TE & SS
12/8/15	10	Update family tree, css, insert new person	TE & SS
	22	<=Total Time Spent	

CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

Introduction

Purpose

The purpose of this document is to describe the requirement specification for the web site "Ernst Family Genealogy".

The intended audience for this document is Tommy's family.

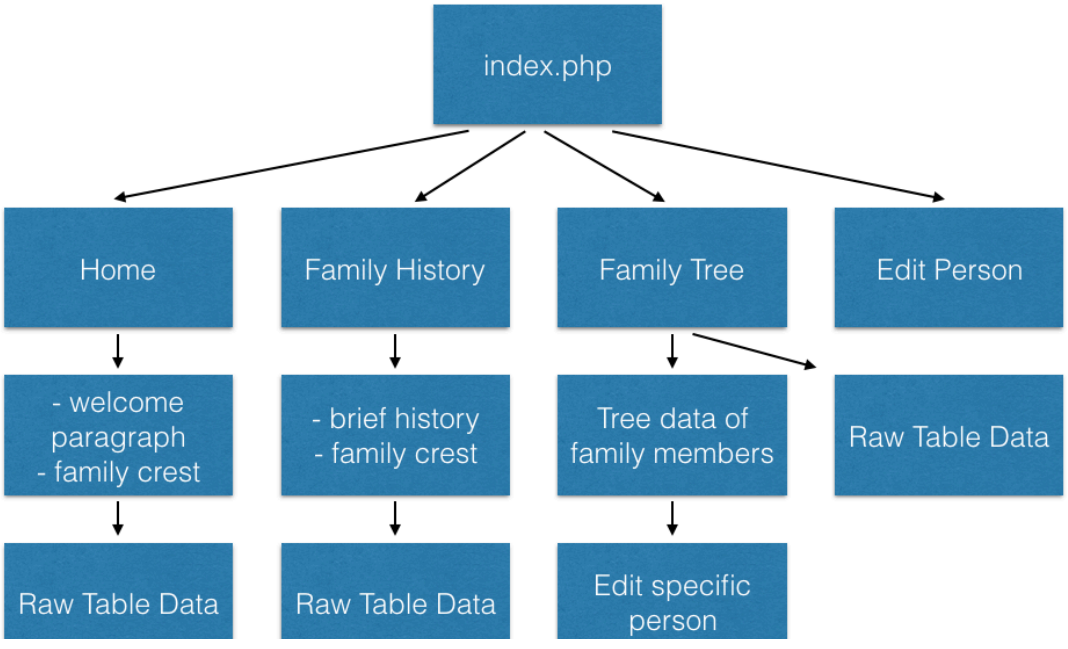
Definitions, acronyms, and abbreviations

HTML – Hypertext markup language – used to define your content.
PHP – Personal Home Page – language that helps to customize html.
CSS – Cascading Style Sheets – used to define the look of a web site.
W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:
http://validator.w3.org/
with the CSS validator located at:
http://jigsaw.w3.org/css-validator/

Overall Description

A place for Tommy's family to easily view Ernst family genealogy information.

Story Board



CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

Assignment requirements

1. general
    1. cover page
    2. time log
    3. table of contents
    4. Introduction
    5. Purpose
    6. Definitions, acronyms, and abbreviations
    7. Overall Description
    8. Data Dictionary
    9. Entity Relationship Diagram
    10. Schema
    11. Story Board
    12. Specific requirements
2. You need a minimum one form
    - insert data into at least two tables.
    - include one text box for a users email address.
    - include two additional text boxes.
    - include one list box.
    - include three check boxes.
    - include three radio buttons.
    - include Submit button.
    - Field sets and legends as needed
    - data should be validated for not missing, valid format etc as needed with php, appropriate error messages will be displayed
    - form should email the person who filled it out
    - form data should be saved to your database (one form needs to save to more than one table at once).
3. Your interface should be easy to follow and understand.
4. Your interface needs to allow the administrator to do the following (for all tables):
    0. Add new records (populating relation tables automatically)
    1. Update Existing records
    2. Delete records (deleting relational records automatically)
    3. Be sure to validate all information
5. Use git and github to version your project.
6. You may present your project to the class (up to 10 points bonus) if we have time.
7. Minimum of six web pages.

Database TERNST_final_project

Table structure for table tblFamilies

Column	Type	Null	Default	Comments
pmkFamilyId	int(11)	No		
fnkHeadOfFamId	int(11)	No		
fldFamilyName	varchar(50)	No		

Dumping data for table tblFamilies

pmkFamilyId	fnkHeadOfFamId	fldFamilyName
1	2	Ernst

Table structure for table tblPeople

Column	Type	Null	Default	Comments
fldFirstName	varchar(40)	No		
fldMiddleName	varchar(40)	No		
fldLastName	varchar(40)	No		
fldGender	varchar(1)	No		
fldDateOfBirth	date	No		
fldCityOfBirth	varchar(50)	No		
fldStateOfBirth	varchar(50)	No		
fldCountryOfBirth	varchar(50)	No		
fldDateOfDeath	date	No		
fldCityOfDeath	varchar(50)	No		
fldStateOfDeath	varchar(50)	No		
fldCountryOfDeath	varchar(50)	No		
pmkPersonId	int(11)	No		

CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

Dumping data for table tblPeople

ldFirstName	fldMiddleName	fldLastName	fldGender	fldDateOfBirth	fldCityOfBirth	fldStateOfBirth	fldCountryOfBirth	fldDateOfDeath	fldCityOfDeath	fldStateOfDeath	fldCountryOfDeath
Friedrich	Wilhelm	Ernst	M	0000-00-00				0000-00-00			
Friedrika	Wilhelmina	Gerling	F	1773-04-20				0000-00-00			
Johann	Friedrich	Ernst	M	1798-03-28	Magdeburg		Germany	1865-08-15	Buckeburg	Schaumburg-Lippe	Germany
Marie	Eleanore	Niebour	F	1801-03-25	Hanover	Hanover	Prussia	1869-07-29			
Henrich	Otto	Ernst	M	1828-10-24	Buckeburg	Sch. Lippe	Prussia	1895-04-06	Ernston, Middlesex	New Jersey	United States
Maria	Emma Caroline Margareta	Gravenhorst	F	1849-02-12	Freihof Weide	Schleswig-Holst	Prussia	1897-07-13	Upper Montclair, Essex	New Jersey	United States
Alfred	Otto	Ernst	M	1870-01-10	New York	New York	United States	1940-12-22	Newark, Essex	New Jersey	United States
Emma		Grobert	F	1866-11-11	Newark, Essex	New Jersey	United States	1943-03-06	Queens	New York	United States

lfred	Grobert	Ernst	M	1904-07-26	New York City	New York	United States	1957-03-24	Douglaston, Queens	New York	United States	
rene	Mildred	Welsch	F	1906-09-15	New York City	New York	United States	1983-02-17	Lakewood Township, Ocean	New Jersey	United States	

Table structure for table tblRelationships

Column	Type	Null	Default	Comments
pmkRelationId	int(11)	No		
fnkFamilyId	int(11)	No		
fnkPersonOneId	int(11)	No		
fnkPersonTwoId	int(11)	No		
fnkRelationTypeId	int(11)	No		
fnkPersonOneRoleId	int(11)	No		
fnkPersonTwoRoleId	int(11)	No		

Dumping data for table tblRelationships

pmkRelationId	fnkFamilyId	fnkPersonOneId	fnkPersonTwoId	fnkRelationTypeId	fnkPersonOneRoleId	fnkPersonTwoRoleId
1	1	2	3	1	7	8
2	1	2	4	2	1	14
3	1	4	5	1	7	8
4	1	6	7	1	7	8
5	1	8	9	1	7	8
6	1	4	6	2	1	14
7	1	6	8	2	1	14
10	1	8	10	2	1	14

Table structure for table tblRelationshipType

Column	Type	Null	Default	Comments
pmkRelationTypeId	int(11)	No		

fldRelationship Type	varchar(50)	No		

Dumping data for table tblRelationshipType

pmkRelationTypeId	fldRelationshipType
1	Married
2	ParentChild
3	Sibling

Table structure for table tblRoles

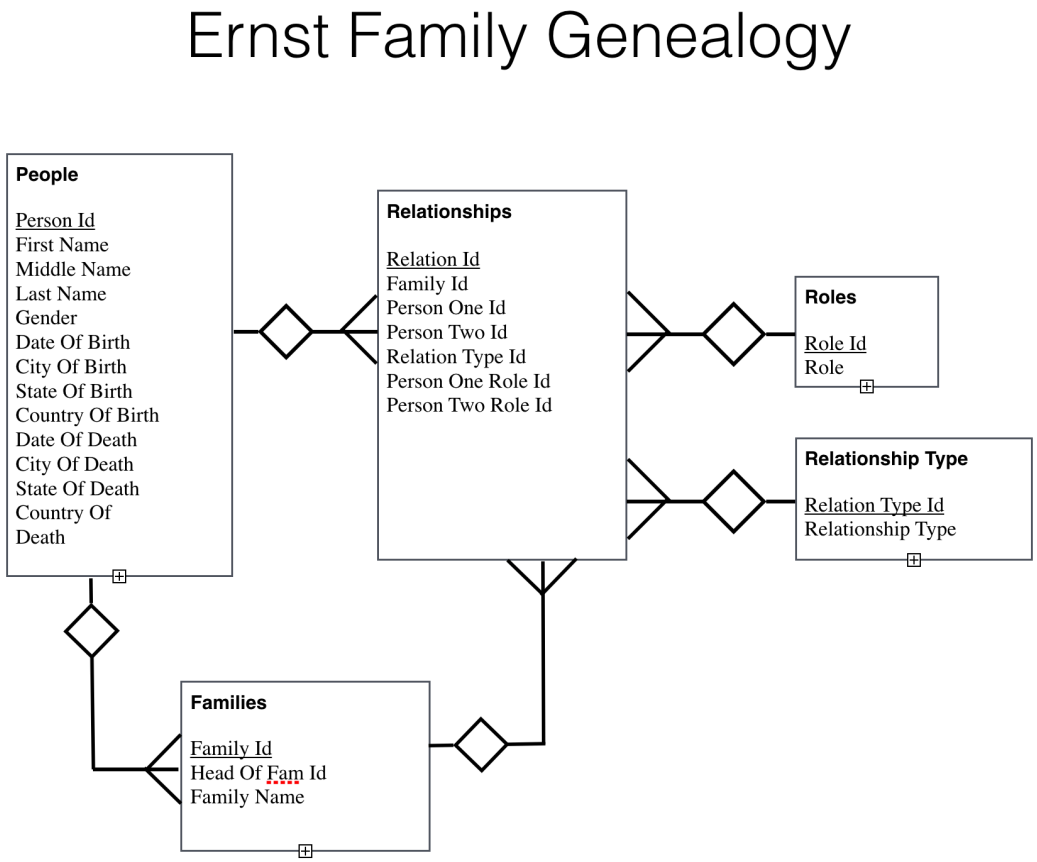
Column	Type	Null	Default	Comments
pmkRoleId	int(11)	No		
fldRole	varchar(25)	No		

Dumping data for table tblRoles

pmkRoleId	fldRole
1	Father
2	Mother
3	Brother
4	Sister
5	Aunt
6	Uncle
7	Husband
8	Wife
9	Cousin
10	Grandfather
11	Grandmother
12	Grandson
13	Granddaughter
14	Son
15	Daughter

CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

ER DIAGRAM



Specific requirements

1. *Title for main page*: *Ernst Family Genealogy*
2. *Meta Description*: *The family lineage for Tommy Ernst. Created for our CS148 Final Project.*
3. *Meta Character set*: UTF - 8
4. *Logo*: *ernst_crest.png*
5. *Written Content:*

CS148 Final Project: Ernst Family Genealogy	Version <1.0>
	Date : Nov. 20

INDEX.PHP - Welcome to Ernst Family Genealogy! This website has been designed to display and edit information regarding the Ernst Family tree. Please explore and we hope you learn some family history along the way.

HISTORY.PHP - We know the Ernst family tree back to Friedrich Wilhelm Ernst and his wife Friedrika Wilhelmina Gerling (b. 1773) He was a trumpeter in the Prussian Army. The Ernst family was very musical from generation to generation. The family came to the United States in the mid-1800's, settling in New York City and New Jersey. Otto Ernst was the first to immigrate, in 1846. He was a clay merchant and an active trustee of the German Savings Bank. For more on Otto Ernst, visit this page containing information about him from the contents of William Steinway's diary.