CS 148 (A)

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Assignment: Final Project

Final Project: Git Together

Version <1.0>

Git Together	Version <1.0>
	Date : 12/2/2019

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Time Log

	Estimated time to complete assignment =>	100 Hours

Date	Time Spent (in hours)	Description	Author
11/1/19	1	Brainstorming	Luke
11/1/19	1	Brainstorming	Jake
11/1/19	1	Brainstorming	Mateo
11/6/19	1	Database Creation	Luke
11/6/19	1	GitHub Creation/Database Help	Jake
11/6/19	1	Outlining Pages	Mateo
11/8/19	1	ER Diagram, Relationship Fixing	Luke
11/8/19	1	Storyboard Creation	Jake
11/8/19	1	Spec document work	Mateo
11/13/19	1	Spec doc-Schema and Data Dictionary	Luke
11/13/19	1	Work on profile form	Mateo
11/13/19	1	Worked on top/header/footer	Jake
11/15/19	.5	Spec doc Specific Requirements updating	Luke
11/15/19	.5	Hash function work	Luke
11/15/19	1	Hash function work	Jake
11/15/19	1	Hash function work	Mateo
11/29/19	2	Index.php	Luke
11/29/19	2	Signup.php	Luke
11/29/19	1	Fixed Hash Function	Luke
11/29/19	2	CSS for index.php, signup.php and profile.php	Luke
11/29/19	3	Profile.php	Jake
11/29/19	3	Profile-form.php	Mateo
11/29/19	1.5	Database connection work	Mateo
12/1/19	2	CSS for all pages	Luke
12/1/19	2	Selection.php now has content and works	Luke
12/1/19	1	Selection.php now shoes confirmed matches	Luke
12/2/19	1	Logo and button creations	Jake
12/2/19	2	SpecDoc Work	Jake

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12/4/19	2	Added isAdmin.php and adminTables.php	Mateo
12/4/19	1	Admin tools	Luke
12/4/19	1	CSS	Luke
12/5/19	1	Spec Doc Work	Jake
12/5/19	2	CSS for all pages	Jake
12/5/19	1	Final CSS	Luke
12/5/19	2	Added adminTables edit option	Mateo
	47.5	<=Total Time Spent	

Introduction

Purpose

The purpose of this document is to describe the requirement specification for the web site "Git Together".
The intended audience for this document are people aged 18-25.

First it is the contract between you and the client. Second it is for the developer of the site. Two primary goals are:
1. Client gets a very good understanding of what you will be delivering.
2. Developer has a very good understanding of what they are going to create.

Definitions, acronyms, and abbreviations

Sample for the client:
ER Diagram – a diagram to represent the data you want to save with your system
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

Git Together is a dating app that takes your interests, preferences, gender and biography and pairs you with another person where you get the option of saying yes or no based on the information that you are given. The end goal of this app is to hopefully find the love of your life on the other end of Git Together.

Story Board
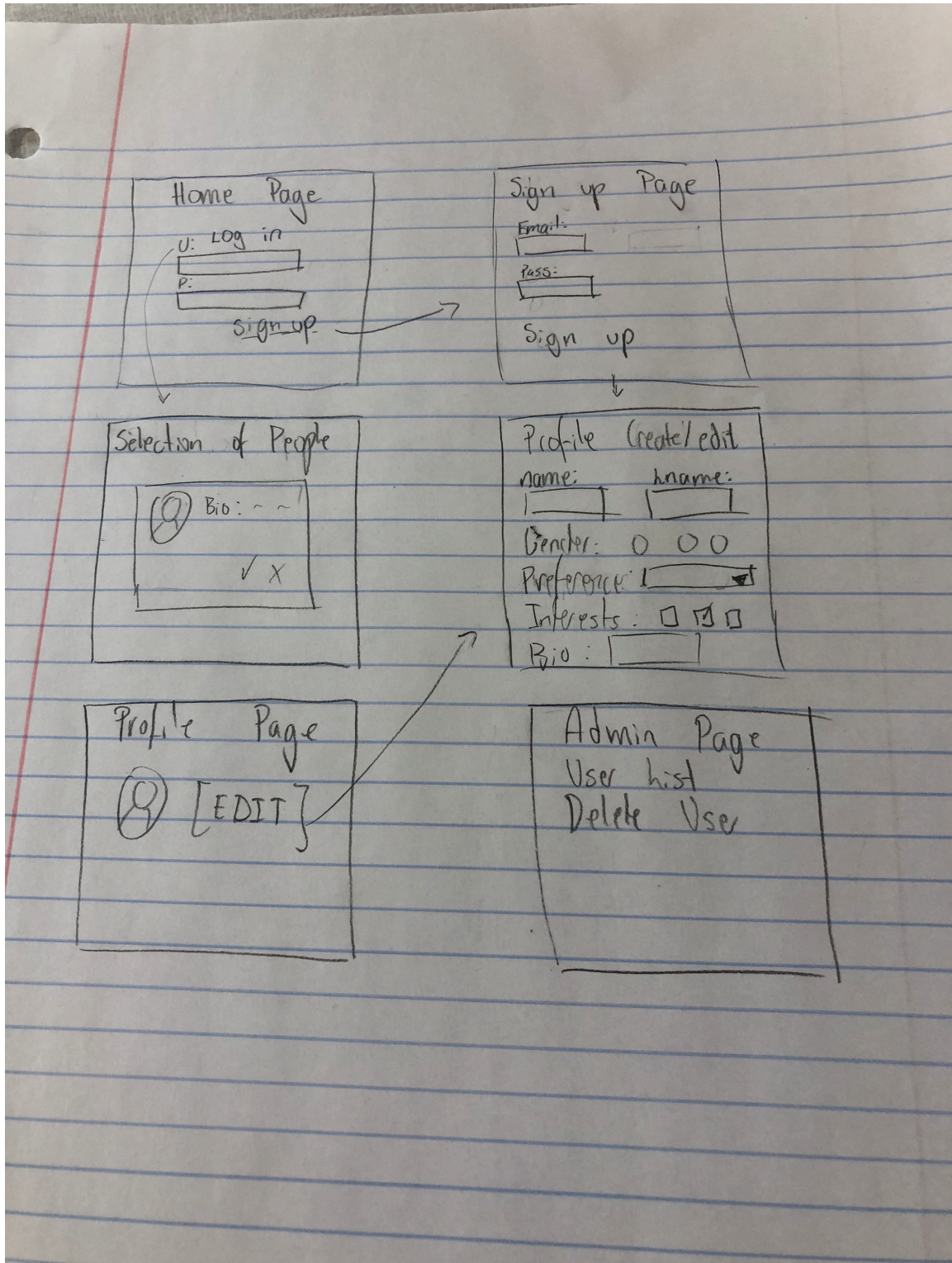
Data Dictionary

11/13/2019   Print view - phpMyAdmin 4.9.1

tblInterests

Column	Type	Null	Default	Links to	Comments
pmkInterest *(Primary)*	varchar(50)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkInterest	5	A	No	

tblProfile

Column	Type	Null	Default	Links to	Comments
pmkProfileId *(Primary)*	int(11)	No			
fnkUsername	varchar(40)	No			
fldFirstName	varchar(30)	No			
fldLastName	varchar(40)	No			
fldGender	varchar(20)	No			
fldPreference	varchar(20)	No			
fldBio	text	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkProfileId	0	A	No	
fnkUsername	BTREE	No	No	fnkUsername	0	A	No	

tblUsers

Column	Type	Null	Default	Links to	Comments
pfkUsername *(Primary)*	varchar(40)	No		tblProfile->fnkUsername, tblUsersInterests->pfkUsername	Username = Email
fldPassword	varchar(50)	No			Passwords are hashed.
fldAdmin	tinyint(1)	No	0		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pfkUsername	0	A	No	

tblUsersInterests

Column	Type	Null	Default	Links to	Comments
pfkUsername *(Primary)*	varchar(40)	No			
fnkInterest	varchar(50)	No		tblInterests->pmkInterest	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pfkUsername	0	A	No	

ER- Diagram

tblProfiles

pmkProfileId	int(11)
fnkUsername	varchar(40)
fldFirstName	varchar(30)
fldLastName	varchar(40)
fldGender	varchar(20)
fldPreference	varchar(20)
fldBio	text

tblUsers

pfkUsername	varchar(40)
fldPassword	varchar(50)
fldAdmin	tinyint(1)

tblUsersInterests

pfkUsername	varchar(40)
fnkInterest	varchar(50)
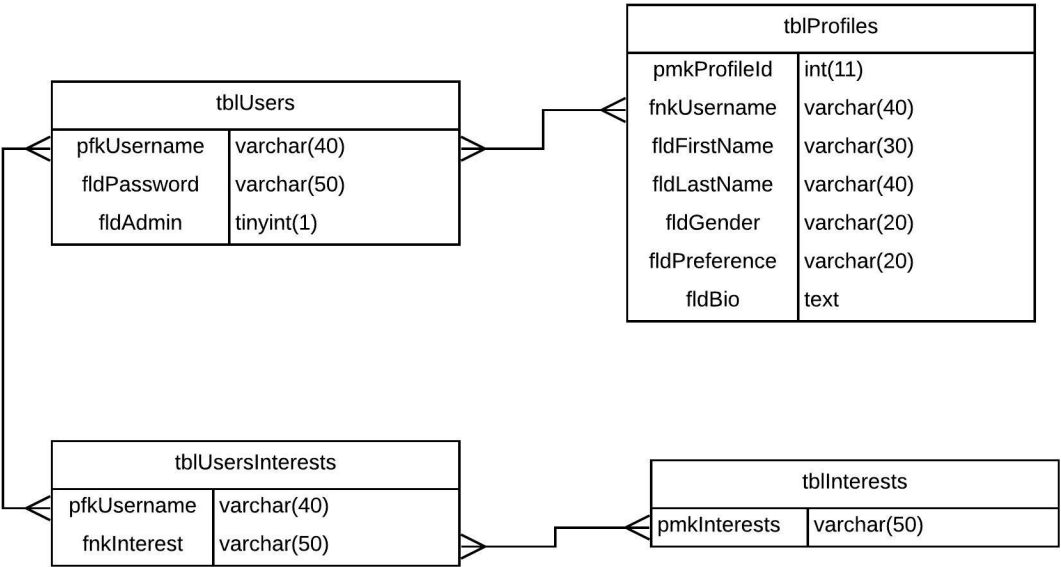
tblInterests

pmkInterests	varchar(50)

Schema

-- Database: `LBEATTY_FinalProject`
-- Table structure for table `tblInterests`

CREATE TABLE `tblInterests` (
 `pmkInterest` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- ---
-- Table structure for table `tblProfile`

CREATE TABLE `tblProfile` (
 `pmkProfileId` int(11) NOT NULL,
 `fnkUsername` varchar(40) NOT NULL,
 `fldFirstName` varchar(30) NOT NULL,
 `fldLastName` varchar(40) NOT NULL,
 `fldGender` varchar(20) NOT NULL,
 `fldPreference` varchar(20) NOT NULL,
 `fldBio` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- ---
-- Table structure for table `tblUsers`

CREATE TABLE `tblUsers` (
 `pfkUsername` varchar(40) NOT NULL COMMENT 'Username = Email',
 `fldPassword` varchar(50) NOT NULL COMMENT 'Passwords are hashed.',
 `fldAdmin` tinyint(1) NOT NULL DEFAULT '0'
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- ---
-- Table structure for table `tblUsersInterests`

CREATE TABLE `tblUsersInterests` (
 `pfkUsername` varchar(40) NOT NULL,
 `fnkInterest` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Specific requirements

1. *Title for main page*: *Git Together*
2. *Meta Description*: A dating app that using a database to house its users and their information.
3. *Meta Character set*: UTF - 8
4. *Logo*: