
CS148A

Alex Barnes

Assignment: Final Project

Purestats.com

Version <1.0>

Title of project	Version <1.0>
	Date : 11/20/2016

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	30	<=Total Time Spent	

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Introduction

Purpose

The purpose of the site is to allow fans of baseball statistics, to easily interact with organized tables of statistics and data from all players since 1871. Will allow querying for stats you may not normally be able to find on other statistics sites

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:

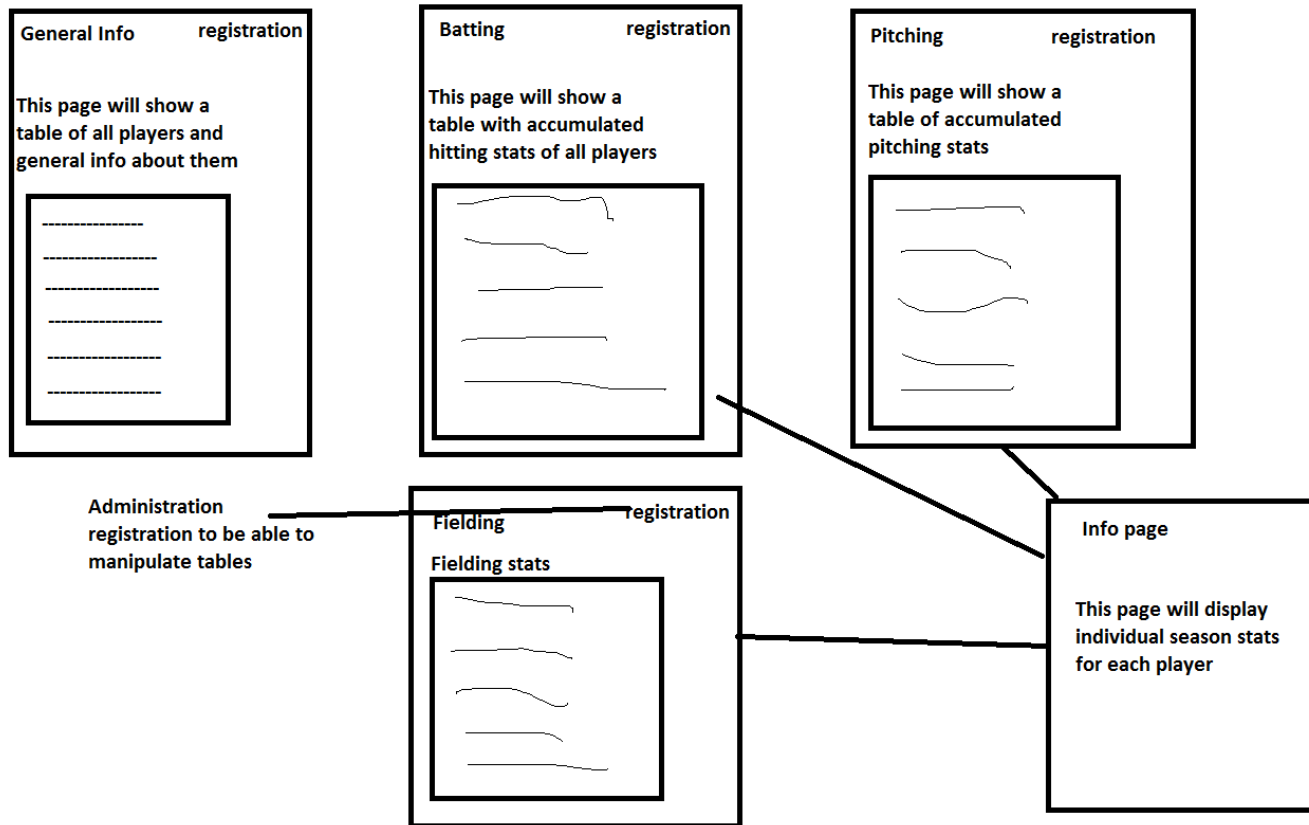
<http://jigsaw.w3.org/css-validator/>

Overall Description

A baseball statistic site with tables of data which have every MLB (Major League Baseball) player since 1871. Has tables for General Information, Batters, Pitchers, and Fielders. Also allows people to sign up for admin rights to be able to update and insert information into the table

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Story Board



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Data Dictionary

Paste your Data Dictionary here. The final version is easy to get by exporting to the screen in phpMyadmin

tblAdmin

Column	Type	Null	Default	Links to	Comments
pmkEmail <i>(Primary)</i>	varchar(30)	No			
fldFirstName	varchar(30)	No			
fldLastName	varchar(30)	No			
fldGender	varchar(30)	Yes	NULL		
fldInfoOne	varchar(30)	Yes	NULL		
fldInfoTwo	varchar(30)	Yes	NULL		
fldInfoThree	varchar(30)	Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkEmail	1	A	No	

tblBatting

Column	Type	Null	Default	Links to	Comments
fnkPlayerId	varchar(30)	No		tblMaster -> pmkPlayerId	
fnkYearId	int(10)	Yes	NULL		
fldStint	int(10)	Yes	NULL		
fldTeamId	varchar(10)	Yes	NULL		
fldLgId	varchar(30)	Yes	NULL		
fldGames	int(10)	Yes	NULL		
fldAtBats	int(10)	Yes	NULL		
fldRuns	int(10)	Yes	NULL		
fldHits	int(10)	Yes	NULL		
fldDoubles	int(10)	Yes	NULL		
fldTriples	int(10)	Yes	NULL		

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fldHomeruns	int(10)	Yes	NULL		
fldRbis	int(10)	Yes	NULL		
fldStolen	int(10)	Yes	NULL		
fldCaught	int(10)	Yes	NULL		
fldWalks	int(10)	Yes	NULL		
fldStrikeouts	int(10)	Yes	NULL		
fldIntentional	int(10)	Yes	NULL		
fldHbp	int(10)	Yes	NULL		
fldSh	int(10)	Yes	NULL		
fldSf	int(10)	Yes	NULL		
fldGidp	int(10)	Yes	NULL		
fldAverage	float	Yes	NULL		
fldObp	float	Yes	NULL		

tblFielding

Column	Type	Null	Default	Links to	Comments
fnkPlayerId	varchar(30)	No		tblMaster -> pmkPlayerId	
fldYearId	int(10)	Yes	NULL		
fldStint	int(10)	Yes	NULL		
fldTeamId	varchar(10)	Yes	NULL		
fldLgId	varchar(10)	Yes	NULL		
fldPosition	varchar(30)	Yes	NULL		
fldGames	int(10)	Yes	NULL		
fldGamesStarted	int(10)	Yes	NULL		
fldInningOuts	int(10)	Yes	NULL		
fldPutouts	int(10)	Yes	NULL		
fldAssists	int(10)	Yes	NULL		
fldErrors	int(10)	Yes	NULL		
fldDoubleplays	int(10)	Yes	NULL		
fldPassedballs	int(10)	Yes	NULL		

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fldWildPitch	int(10)	Yes	NULL		
fldStolenBases	int(10)	Yes	NULL		
fldCaughtStealing	int(10)	Yes	NULL		
fldZone	int(10)	Yes	NULL		

tblMaster

Column	Type	Null	Default	Links to	Comments
pmkPlayerId <i>(Primary)</i>	varchar(30)	No			
fldBirthYear	int(5)	Yes	NULL		
fldBirthMonth	int(3)	Yes	NULL		
fldBirthDay	int(3)	Yes	NULL		
fldBirthCountry	varchar(30)	Yes	NULL		
fldBirthState	varchar(30)	Yes	NULL		
fldBirthCity	varchar(30)	Yes	NULL		
fldDeathYear	int(5)	Yes	NULL		
fldDeathMonth	int(3)	Yes	NULL		
fldDeathDay	int(5)	Yes	NULL		
fldDeathCountry	varchar(30)	Yes	NULL		
fldDeathState	varchar(30)	Yes	NULL		
fldDeathCity	varchar(30)	Yes	NULL		
fldFirstName	varchar(30)	Yes	NULL		
fldLastName	varchar(30)	Yes	NULL		
fldGivenName	varchar(30)	Yes	NULL		
fldWeight	int(5)	Yes	NULL		
fldHeight	int(10)	Yes	NULL		
fldBats	varchar(3)	Yes	NULL		
fldThrows	varchar(3)	Yes	NULL		
fldDebut	varchar(20)	Yes	NULL		
fldFinalGame	varchar(20)	Yes	NULL		

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Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkPlayerId	17780	A	No	

tblPitching

Column	Type	Null	Default	Links to	Comments
fnkPlayerId	varchar(30)	No		tblMaster -> pmkPlayerId	
fldYearId	int(10)	Yes	NULL		
fldStint	int(10)	Yes	NULL		
fldTeamId	varchar(30)	Yes	NULL		
fldLeague	varchar(30)	Yes	NULL		
fldWins	int(10)	Yes	NULL		
fldLose	int(10)	Yes	NULL		
fldGames	int(10)	Yes	NULL		
fldGamesStarted	int(10)	Yes	NULL		
fldComplete	int(10)	Yes	NULL		
fldShutout	int(10)	Yes	NULL		
fldSaves	int(10)	Yes	NULL		
fldIPouts	int(10)	Yes	NULL		
fldHits	int(10)	Yes	NULL		
fldEarned	int(10)	Yes	NULL		
fldHomeruns	int(10)	Yes	NULL		
fldWalks	int(10)	Yes	NULL		
fldStrikeouts	int(10)	Yes	NULL		
fldAverage	float	Yes	NULL		
fldERA	float	Yes	NULL		
fldIntentional	int(10)	Yes	NULL		
fldWild	int(10)	Yes	NULL		
fldHBP	int(10)	Yes	NULL		

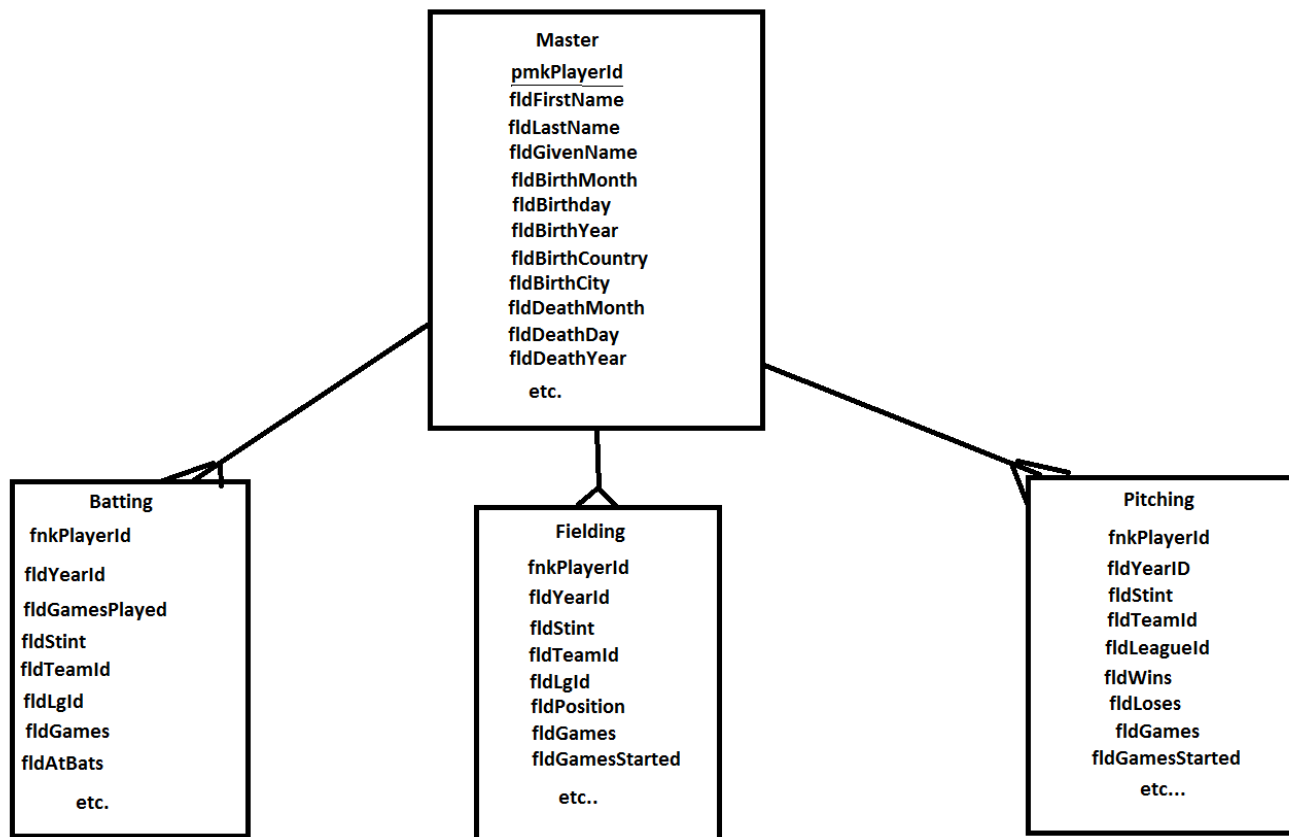
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fldBalks	int(10)	Yes	NULL		
fldBattersFaced	int(10)	Yes	NULL		
fldGamesFinished	int(10)	Yes	NULL		
fldRuns	int(10)	Yes	NULL		
fldSacrificeH	int(10)	Yes	NULL		
fldSacrificeF	int(10)	Yes	NULL		
fldDoubleplays	int(10)	Yes	NULL		
fldWhip	float	Yes	NULL		
fldInning	int(10)	Yes	NULL		

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ER- Diagram

You can use power point or any program really. Past the image here.



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Schema

Paste your schema here. The final version is easy to get by exporting to the screen in phpMyadmin

erdiagram

Press **Esc** to exit full screen

ATBARNES_final.tblMaster
pkmPlayerId : varchar(30)
#fldBirthYear : int(5)
#fldBirthMonth : int(3)
#fldBirthDay : int(3)
@fldBirthCountry : varchar(30)
@fldBirthState : varchar(30)
@fldBirthCity : varchar(30)
#fldDeathYear : int(5)
#fldDeathMonth : int(3)
#fldDeathDay : int(5)
@fldDeathCountry : varchar(30)
@fldDeathState : varchar(30)
@fldDeathCity : varchar(30)
@fldFirstName : varchar(30)
@fldLastName : varchar(30)
@fldGivenName : varchar(30)
#fldWeight : int(5)
#fldHeight : int(10)
@fldBats : varchar(3)
@fldThrows : varchar(3)
@fldDebut : varchar(20)
@fldFinalGame : varchar(20)

ATBARNES_final.tblFielding
@fnkPlayerId : varchar(30)
#fldYearId : int(10)
#fldStint : int(10)
@fldTeamId : varchar(10)
@fldLgld : varchar(10)
@fldPosition : varchar(30)
#fldGames : int(10)
#fldGamesStarted : int(10)
#fldInningOuts : int(10)
#fldPutouts : int(10)
#fldAssists : int(10)
#fldErrors : int(10)
#fldDoubleplays : int(10)
#fldPassedballs : int(10)
#fldWildPitch : int(10)
#fldStolenBases : int(10)
#fldCaughtStealing : int(10)
#fldZone : int(10)

ATBARNES_final.tblAdmin
pkmEmail : varchar(30)
@fldFirstName : varchar(30)
@fldLastName : varchar(30)
@fldGender : varchar(30)
@fldInfoOne : varchar(30)
@fldInfoTwo : varchar(30)
@fldInfoThree : varchar(30)

ATBARNES_final.tblBatting
@fnkPlayerId : varchar(30)
#fldYearId : int(10)
#fldStint : int(10)
@fldTeamId : varchar(10)
@fldLgld : varchar(30)
#fldGames : int(10)
#fldAtBats : int(10)
#fldRuns : int(10)
#fldHits : int(10)
#fldDoubles : int(10)
#fldTriples : int(10)
#fldHomeruns : int(10)
#fldRbis : int(10)

ATBARNES_final.tblPitching
@fnkPlayerId : varchar(30)
#fldYearId : int(10)
#fldStint : int(10)
@fldTeamId : varchar(30)
@fldLeague : varchar(30)
#fldWins : int(10)
#fldLose : int(10)
#fldGames : int(10)
#fldGamesStarted : int(10)
#fldComplete : int(10)
#fldShutout : int(10)
#fldSaves : int(10)
#fldIPouts : int(10)

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Specific requirements

1. *You fill out* – This is where you would put the exact detail of what you want for the project. For example:
2. *Title for main page:* *purestats.com*
3. *Meta Description:* *baseball stats site*
4. *Meta Character set:* UTF - 8
5. *Logo:*

PURESTATS.COM



6. *Content can be found here:*
 - Master page for general information
 - Batting page for batting info
 - Pitching page for pitching info
 - Fielding page for fielding info
 - info.php page for getting individual season stats for players
 - admin form to sign up for admin
 - insert button to insert fields
 - delete button to delete fields