

# Building the Pet Adoptions Database



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INF 385M  
MAY 5, 2010**

# Project Goals



- Create a database combining animals available for adoption at three different Austin-area shelters
- Use PHP, MySQL, HTML, CSS, JavaScript
- Convey information easily, accurately, and in a visually-appealing manner

# Vision



- Our plan was to create a database of animals available for adoption in Austin, not limited by individual shelters
- This way, potential pet owners can search for their pet at a single site, without switching to compare.

# Roles



- Rachele—look and feel (CSS), site design, site management forms, search function
- Recall—details page for each animal, search results pagination, logo
- Kathryn—data entry, normalization, template research

# Collaboration tools used



- GoogleDocs
- E-mail
- Face-to-face meetings
- Development tools:
  - Dreamweaver
  - Secure Shell (command line, FTP)
  - Photoshop
  - [www.photoshop.com](http://www.photoshop.com)



# --TABLES--

## Main table: animals

Field	Type	Null	Key	Default	Extra
animal_id	mediumint(8) unsigned	NO	PRI	NULL	auto_increment
shelter_id	tinytext	YES		NULL	
name	tinytext	YES		NULL	
intake_date	date	YES		NULL	
status	tinytext	YES		NULL	
type	tinytext	YES		NULL	
sex	tinytext	YES		NULL	
dob	date	YES		NULL	
weight	tinyint(4)	YES		NULL	
featured	tinytext	YES		NULL	
size	tinytext	YES		NULL	
altered	tinytext	YES		NULL	
description	text	YES		NULL	
picture	tinytext	YES		NULL	
pattern_id	tinyint(4)	YES		NULL	
fee_id	tinyint(4)	YES		NULL	
location_id	tinyint(4)	YES		NULL	
vaccinated	tinytext	YES		NULL	
cat_friendly	tinytext	YES		NULL	
dog_friendly	tinytext	YES		NULL	
child_friendly	tinytext	YES		NULL	
declawed	tinytext	YES		NULL	
trained	tinytext	YES		NULL	

## animals\_breeds table:

Field	Type	Null	Key	Default	Extra
animals_breeds_id	mediumint(8) unsigned	NO	PRI	NULL	auto_increment
animal_id	mediumint(9)	NO		NULL	
breed_id	tinyint(4)	NO		NULL	
is_primary	varchar(3)	YES		NULL	

## animals\_colors table:

Field	Type	Null	Key	Default	Extra
animals_colors_id	mediumint(8) unsigned	NO	PRI	NULL	auto_increment
animal_id	mediumint(9)	NO		NULL	
color_id	tinyint(4)	NO		NULL	
is_primary	varchar(3)	YES		NULL	



## breeds table:

Field	Type	Null	Key	Default	Extra
breed_id	tinyint(3) unsigned	NO	PRI	NULL	auto_increment
breed	varchar(50)	NO		NULL	
type	tinytext	NO		NULL	

## colors table:

Field	Type	Null	Key	Default	Extra
color_id	tinyint(3) unsigned	NO	PRI	NULL	auto_increment
color	varchar(25)	NO		NULL	

## fees table:

Field	Type	Null	Key	Default	Extra
fee_id	tinyint(3) unsigned	NO	PRI	NULL	auto_increment
fee	float	NO		NULL	

## locations table:

Field	Type	Null	Key	Default	Extra
location_id	tinyint(3) unsigned	NO	PRI	NULL	auto_increment
name	varchar(50)	NO		NULL	
shelter_url	tinytext	YES		NULL	
phone	tinytext	YES		NULL	
email	tinytext	YES		NULL	
embed_url	text	YES		NULL	
map_url	text	YES		NULL	

## patterns table:

Field	Type	Null	Key	Default	Extra
pattern_id	tinyint(3) unsigned	NO	PRI	NULL	auto_increment
pattern	varchar(25)	NO		NULL	
type	tinytext	NO		NULL	

# Finished Product



- <http://herbie.ischool.utexas.edu/petadoptions/>

# Challenges & Lessons Learned



- **Joined tables**
- **Pagination**
- **Formatting dates—age conversion**
- **Date formatting (Rachele—dates)**
- **Project planning/time management**

# Future Thoughts



- **Edit function for individual animal records**
- **User management (login)**
- **Search for site administrators**

# Questions?

