

Employee Management Application: Database Structure

Data Tables & Structure

Users			
	id	auto increment	
	username	char(20)	*required
	last_name	varchar(60)	*required
	first_name	varchar(60)	*required
	email	varchar(60)	*required
	password	varchar(255)	*required
	created_at	datetime	
	updated_at	datetime	
	deleted_at	datetime	

Employees			
	id	auto increment	
	last_name	varchar(60)	*required
	first_name	varchar(60)	*required
	middle_name	varchar(60)	
	address	varchar(120)	*required
	department_id	foreign key (departments)	*required
	city_id	foreign key (cities)	*required
	state_id	foreign key (states)	*required
	country_id	foreign key (countries)	*required
	zip_code	char(10)	*required
	birth_date	date	
	date_hired	date	
	created_at	datetime	
	updated_at	datetime	
	deleted_at	datetime	

Countries			
	id	auto increment	
	country_code	char(3)	*required
	name	varchar(60)	*required
	created_at	datetime	
	updated_at	datetime	
	deleted_at	datetime	

States			
	id	auto increment	
	country	foreign key (countries)	*required
	name	varchar(60)	*required
	created_at	datetime	
	updated_at	datetime	
	deleted_at	datetime	

Cities			
	id	auto increment	
	state	foreign key (states)	*required
	name	varchar(60)	*required
	created_at	datetime	
	updated_at	datetime	
	deleted_at	datetime	

Departments			
	id	auto increment	
	name	varchar(60)	*required
	created_at	datetime	
	updated_at	datetime	
	deleted_at	datetime	

