

employees			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
first_name*	STRING	The first name of the employee	Alex
last_name*	STRING	The last name of the employee	Heimann
ssn*	STRING	The employee's social security number, 9 digits long	023649320
date_of_birth	DATE	Date of employee's birth	1993-01-25
phone	STRING	The employee's primary phone number, ten digits long	4122688211
role*	STRING	The employee's role: "admin", "manager", "employee"	admin
username*	STRING	The username the employee is given to log into the system	
password_digest	STRING	An encrypted hash of the user's password	\$2a\$10\$LBzumTN
active	BOOLEAN	1 if active; 0 otherwise; should default to active.	1

stores			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
name*	STRING	The name of the store; must be unique	CMU
street*	STRING	The street address of the store	5001 Forbes Ave
city*	STRING	The city or township the store is located in	Pittsburgh
state	STRING	The postal abbreviation of the store's state; default is 'PA'	PA
zip	STRING	Zip code of the store	15213
phone	STRING	The store's phone number, ten digits long	4122683259
active	BOOLEAN	1 if active; 0 otherwise; should default to active.	1

* Indicates a non-key attribute that is required. All primary and foreign keys are required.

assignments			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
store_id (FK)	INTEGER	The ID of the store associated with this assignment	3
employee_id (FK)	INTEGER	The ID of the employee associated w/ assignment	5
start_date*	DATE	The date the assignment began	2020-01-01
end_date	DATE	The date the assignment was terminated	2020-01-31
pay_grade_id (FK)	INTEGER	The pay grade associated with this assignment	4

pay_grades			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	10
level*	STRING	The level/name of this pay grade	"C1", "M2"
active	BOOLEAN	1 if active; 0 otherwise; should default to active.	1

pay_grade_rates			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	10
pay_grade_id (FK)	INTEGER	The ID of the pay grade associated with this rate	4
rate	FLOAT	The ID of the flavor associated with this store_flavor	42
start_date	DATE	The date the rate kicks into effect for this pay grade	2019-12-01
end_date	DATE	The last date the rate applies for this pay grade	2020-01-31

shifts			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
assignment_id (FK)	INTEGER	The ID of the assignment associated with this shift	718
date*	DATE	The date the shift was/is to be worked	2012-02-09
start_time*	TIME	The time of day the shift begins	12:00:00
end_time	TIME	The time of day the shift ends. Typically 3 hrs after start.	15:00:00
notes	TEXT	Any notes related to the shift that user might want to record.	Johnny was a bad boy on this shift.
status	STRING	One of three options: pending, started, finished	“pending”

shift_jobs			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	3
shift_id (FK)	INTEGER	The ID of the shifts associated with this shift_job	141
job_id (FK)	INTEGER	The ID of the job associated with this shift_job	59

jobs			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	10
name*	STRING	The name of this job	Mopping
description	TEXT	A brief description of this job; optional since some are obvious	Serving ice cream is a hard task – NOT
active	BOOLEAN	1 if active; 0 otherwise; should default to active.	1