Settings

ID	integer; auto-increment
name	string (unique)
week_start	integer or character (drop-down of 7 days)
time_format	integer (12 or 24)
schedule_weeks	integer

Users

ID	integer; auto-increment
username	string (unique)
password	string

Employees

ID	integer; auto-increment
first_name	string
last_name	string
roles	foreign (many : many)
active	boolean
Sunday †	string, empty ok
(repeat for Mon-Sat)	string, empty ok

† example string: 10:00-14:00, 16:00-20:00

This would mean that the employee is available from 10am-2pm and 4pm-8pm on that day.

An empty string means the employee is not available that day.

Roles

ID	integer; auto-increment
name	string
employees	foreign (many : many)
† priority	integer

Schedules

ID	integer

- schedules & their times
    this might be links to file locations
    or possibly csv data.

- coverage rules
    will this be a separate db or part of this one?

Settings (Stretch)

max_weekly_hours	integer
max_daily_hours	integer
avg_shift length	integer

Users   (Stretch)

permissions †	integer
employee	foreign key, unique, empty ok

† "permissions" is the level of site access, such as employee view vs manager view.

An empty employee value would indicate a person with site access who does not belong on the schedule (example: business owner).

Employees (Stretch)

max_daily_hours	integer, empty ok
max_weekly_hours	integer, empty ok
target_weekly_hours	integer, empty ok
approved_days_off	string, empty ok
user	foreign key, unique, empty ok