Salon manager bot

by Yaroslav Farkash and Dmitriy Yahudin
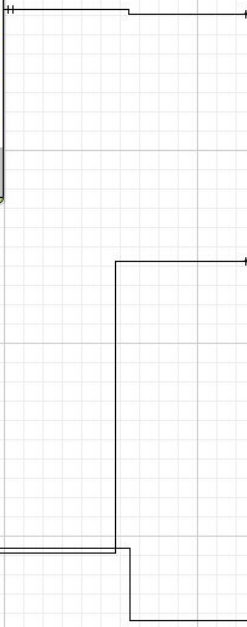
Database diagram

customer
- chat_id — BigInt:I:U:N
- 🔑 id — Integer:I:U
- name — Character Varying(100):N
- phone — Character Varying(13):I:U:N
- Uniques (2)

timeslot
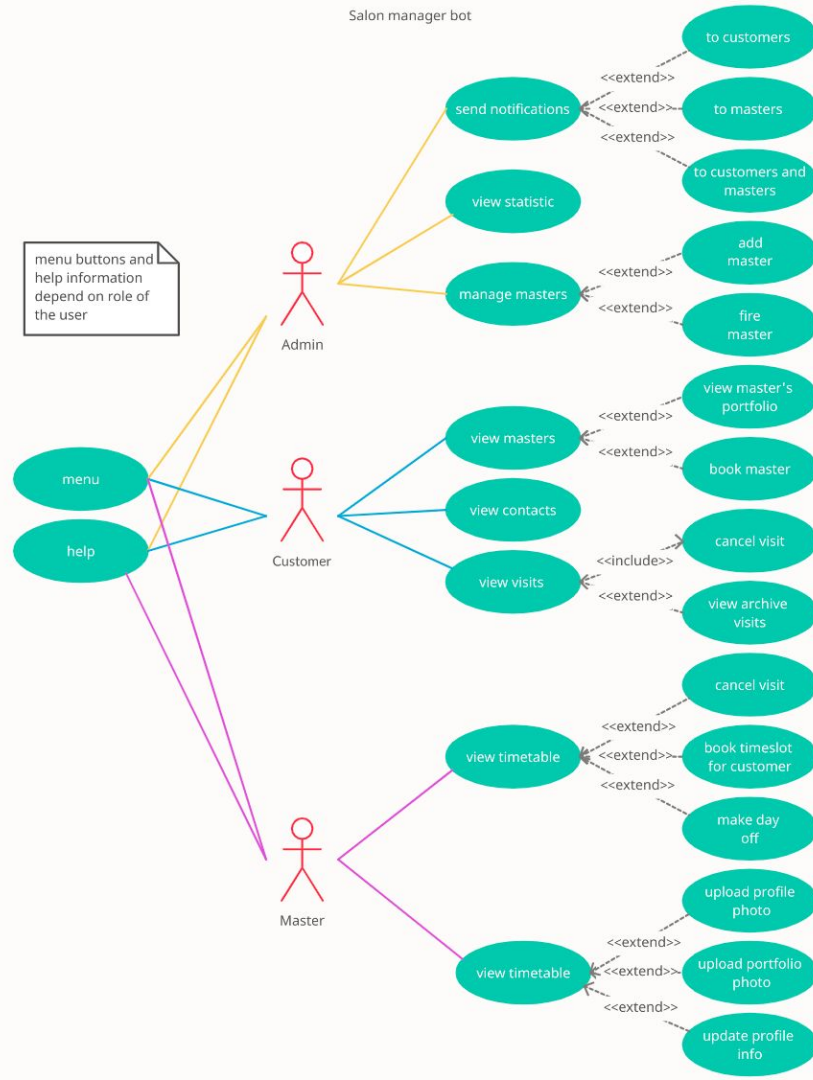- customer_id — Integer:N
- date — Date:N
- datetime — Timestamp Without Time Zone:N
- 🔑 id — Integer:I:U
- is_free — Boolean:N
- master_id — Integer:N
- time — Time Without Time Zone:N
- Uniques (2)

master
- chat_id — BigInt:I:U:N
- 🔑 id — Integer:I:U
- info — Character Varying(200):N
- is_active — Boolean:N
- name — Character Varying(100):N
- phone — Character Varying(13):I:U:N
- photo_id — Character Varying(200):N
- Uniques (2)

portfoliophoto
- 🔑 id — Integer:I:U
- master_id — Integer:N
- photo_id — Character Varying(200):N

Use cases

Salon manager bot

menu buttons and help information depend on role of the user

menu

help

Admin

Customer

Master

send notifications

<<extend>> to customers

<<extend>> to masters

<<extend>> to customers and masters

view statistic

manage masters

<<extend>> add master

<<extend>> fire master

view masters

<<extend>> view master's portfolio

<<extend>> book master

view contacts

view visits

<<include>> cancel visit

<<extend>> view archive visits

view timetable

cancel visit

<<extend>> book timeslot for customer

<<extend>> make day off

<<extend>>

view timetable

upload profile photo

<<extend>> upload portfolio photo

<<extend>>

<<extend>> update profile info

Technology stack

OS, programming language:

Ubuntu 20.04, Python 3.8.10

IDE:

PyCharm

Data storage and querying:

PostgreSQL 11.5

Redis alpine

Backend framework:

AIOgram 2.20

Containerization tool:

Docker

Version control:

Git, Alembic

Web services:

AWS

Other:

Gino 1.0.1, Aioschedule 0.5.2

Q&A

Thank you for your attention!