

FORMULATION OF CUSTOMER'S ORDERS ON THE ONLINE PLATFORM BASED ON SUPPLY AND DEMAND

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Abstract: *This article envisages the creation and maintenance of an internet platform that accepts software orders based on supply and demand. The main goal of the theme is to guarantee the maximum ideality of the client's work.*

Keywords: *Software, customer-wholesaler, database.*

Introduction

Currently, attention to the IT sector is growing in our country. Especially after the coronavirus quarantine, it increased significantly [1]. The number of people who are interested in programming and those who start learning it is increasing [2]. The number of educational centers providing education in various areas of IT is increasing [3]. The number of specialists in the IT market has also increased accordingly [4].

IT companies pay special attention to the fact that the specialist has a lot of experience and has worked on real projects when looking for employees [6]. It is natural that a programmer who has just graduated from the course does not have these skills, and they will have a hard time getting a job [7]. This platform is designed to solve this problem [8, 9]. The employer posts an ad on the platform and freelancers can apply for the job [10]. If the work is of good quality, it will be accepted and this work will be added to the freelancer's portfolio [11]. In this way, our platform helps young programmers to build a good portfolio [12].

Main Body

Creating an infological model of the database

The first step in creating this project is to create an info model. The goal of information modeling is to provide natural methods for people to describe and collect information that can be formed in the database being created. Therefore, an effort is made to build an infological model of data in accordance with natural language.

Creating an info model:

1. **BOARDS** (*boards_id, title, description, img_url, admin_telegram, budget, is_completed, applicants, acceptance_data, finish_data, freelancer_id, project_link, materials_link, createdAt, updatedAt*);

2. **MESSAGES** (*message_id, name, phone_number, message, createdAt, updatedAt*);

3. **SKILLS** (*skill_id, createdAt, updatedAt*);

4. **SPONSORS** (*sponsor_id, logo, createdAt, updatedAt*);

5. STATISTICS (*statistics_id, in_search, projects_count, completed, hiring, createdAt, updatedAt*);

6. USERS (*user_id, first_name, last_name, email, password, avatar, phone_number, is_verified, telegram_username, web_site, git, bio, skills, type, role, createdAt, updatedAt*);

7. ADMINS (*admin_id, createdAt, updatedAt, user_id*);

8. EDUCATIONS (*education_id, edu_name, edu_fac, start_year, start_month, finish_year, finish_month, description, createdAt, updatedAt, user_id*);

9. EXPERIENCES (*experience_id, company_name, position, start_year, start_month, finish_year, finish_month, is_present, description, createdAt, updatedAt, user_id*);

10. LANGUAGES (*language_id, degree, language, createdAt, updatedAt, user_id*);

11. PORTFOLIOS (*portfolio_id, photo, project_name, project_link, createdAt, updatedAt, user_id*);

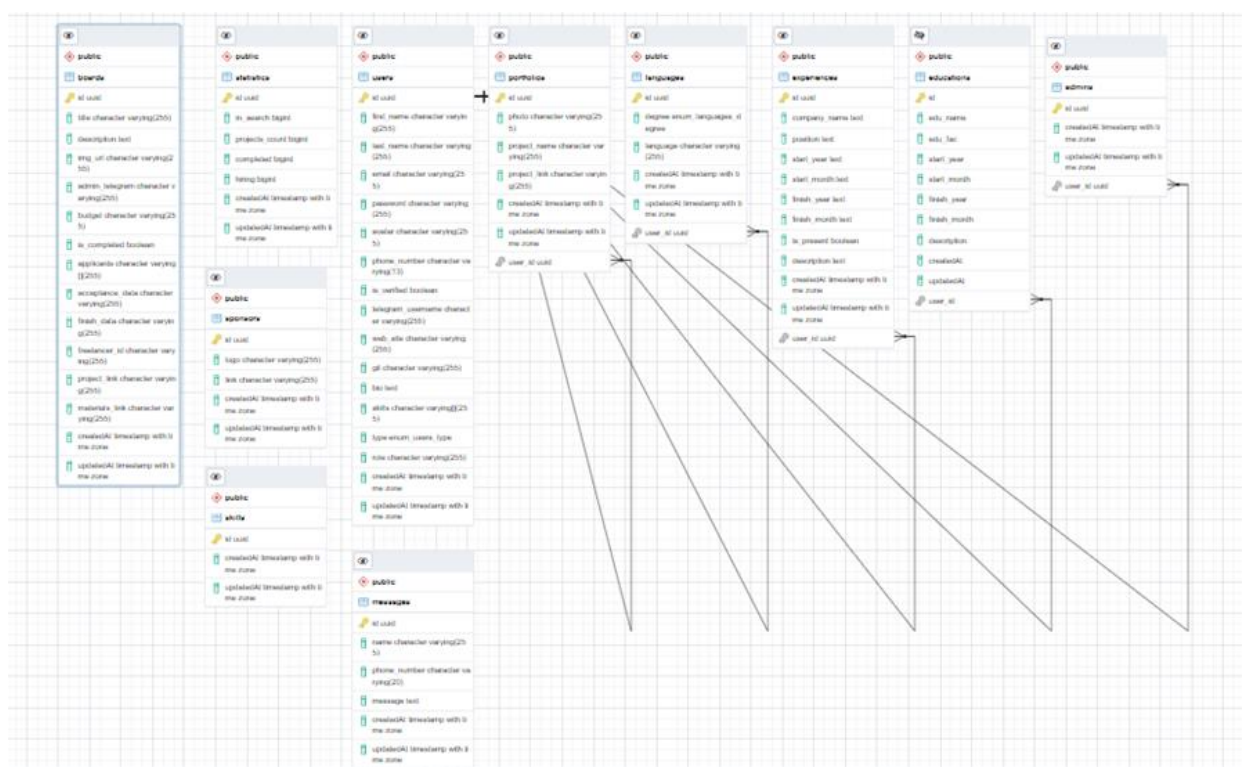
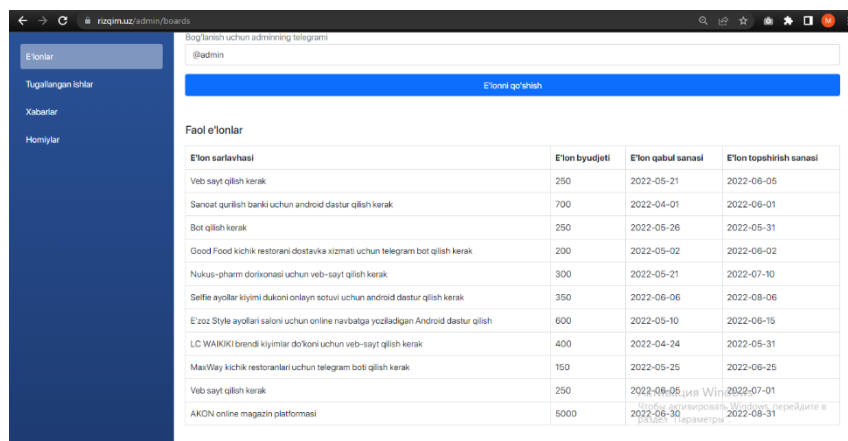


Figure 1. Schema of tables in PostgreSQL

Application of web platform database in practice

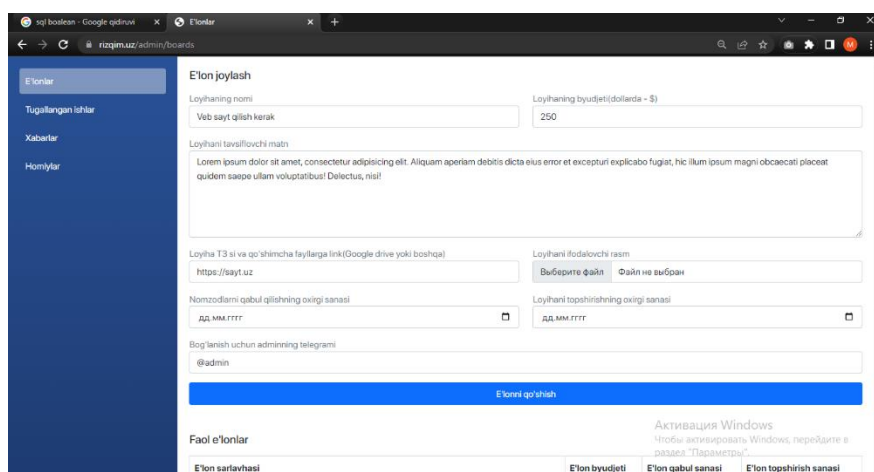
Below we will look at the database we created, that is, the use of all tables on the web platform.



E'lon sarlavhasi	E'lon byudjeti	E'lon qabul sanasi	E'lon topshirish sanasi
Veb sayt qilish kerak	250	2022-05-21	2022-06-05
Sanoat qurilish banki uchun android dastur qilish kerak	700	2022-04-01	2022-06-01
Bot qilish kerak	250	2022-05-26	2022-05-31
Good Food kichik restorani dasturka xizmati uchun telegram bot qilish kerak	200	2022-05-02	2022-06-02
Nukus-pharm dori-onasi uchun veb-sayt qilish kerak	300	2022-05-21	2022-07-10
Selfie ayollar kiyimi dukoni onlayn setuvi uchun android dastur qilish kerak	350	2022-06-06	2022-08-06
E'zoz Style ayollari saloni uchun online navigatsiya yoziladigan Android dastur qilish	600	2022-05-10	2022-06-15
LC WAKIKI brendi kiyimlar do'koni uchun veb-sayt qilish kerak	400	2022-04-24	2022-05-31
MaxWay kichik restorani uchun telegram boti qilish kerak	150	2022-05-25	2022-06-25
Veb sayt qilish kerak	250	2022-06-05	2022-07-01
AKON online magazin platformasi	5000	2022-06-30	2022-08-31

Figure 2. Announcements. (Boards)

The list of all announcements placed in the admin panel, that is, the data of the “Boards” table, is given in Figure 2.



E'lon joylash

Loyihaning nomi:

Loyihaning byudjeti(dollarda - \$):

Loyihani tavsiflovchi matn:

Loyiha T3 si va qo'shimcha fayllarga link(Google drive yoki boshqa):

Loyihani ifodalovchi rasm:

Nomzodlarni qabul qilishning oxirgi sanasi:

Loyihani topshirishning oxirgi sanasi:

Bog'lanish uchun adminning telegrami:

E'lonni qo'yish

Figure 3. Admin ad placement window.

As shown in Figure 3, the advertisement window in the admin panel contains the data of the “Boards” table, that is, the project name (name), project budget (budget), project description text (description), project T3 and additional files. link (materials_link), an image representing the project (img_url), the last date of acceptance and the last dates of project submission (acceptance_data, finish_data) and finally the telegram link to contact the admin (admin_telegram) is entered by the admin.

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