

# Department Project

## Vision

“Department project” is web-application that can provide management groups of employees in company.

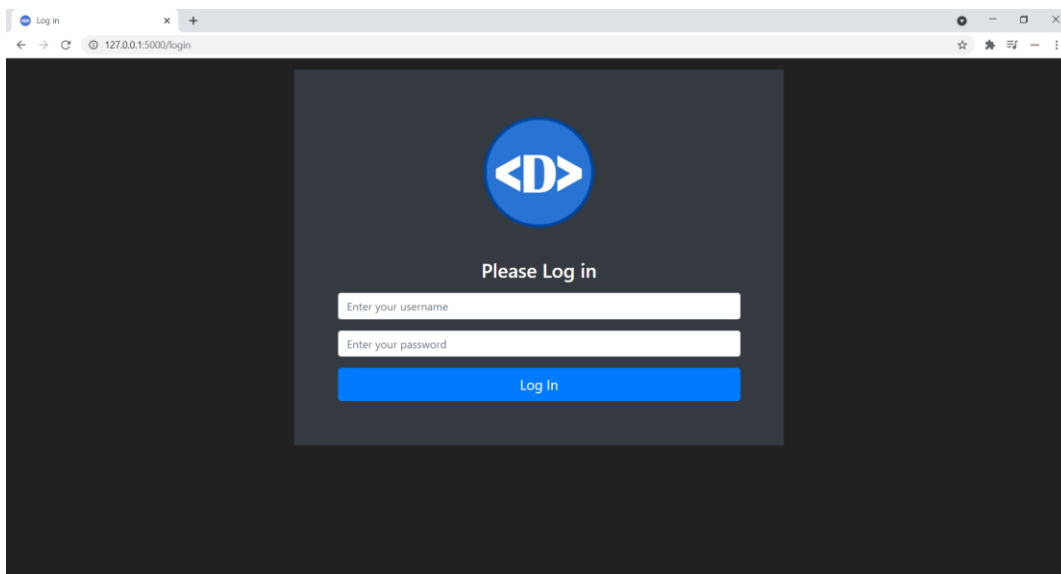
Application should provide:

- Login/Logout into system
- View user own profile
- View other users profile
- Send messages to other users
- View user’s own departments
- View user’s own total paycheck
- View other users departments
- View and filter all users list
- View and filter all departments list

Admin features:

- Add new users
- Update users data
- Delete Users
- Add new departments
- Update departments info
- Delete departments
- Change department members
- Customize employee roles in departments

## 1. Login page

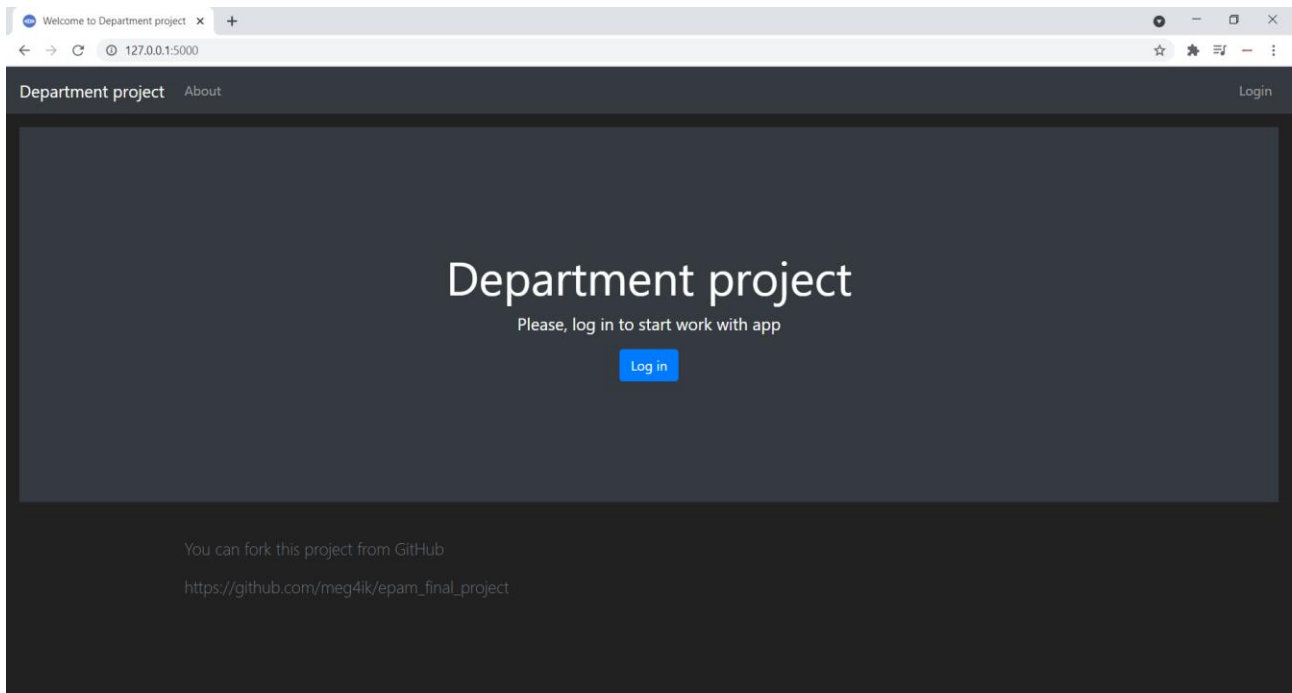


Pic. 1 View of login page

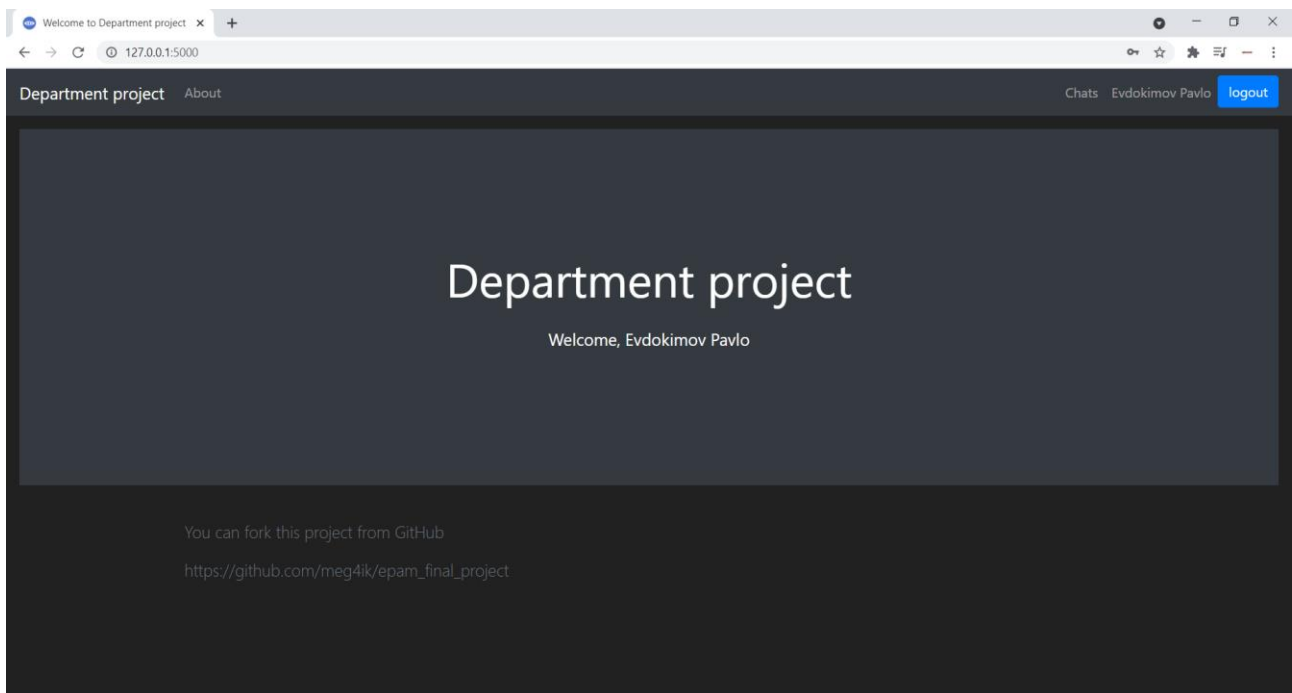
Page to address /login

Page functionality can provide the ability to log into an existing account by entering username and password fields.

## 2. Main page



Pic. 2.1 View of main page without user session

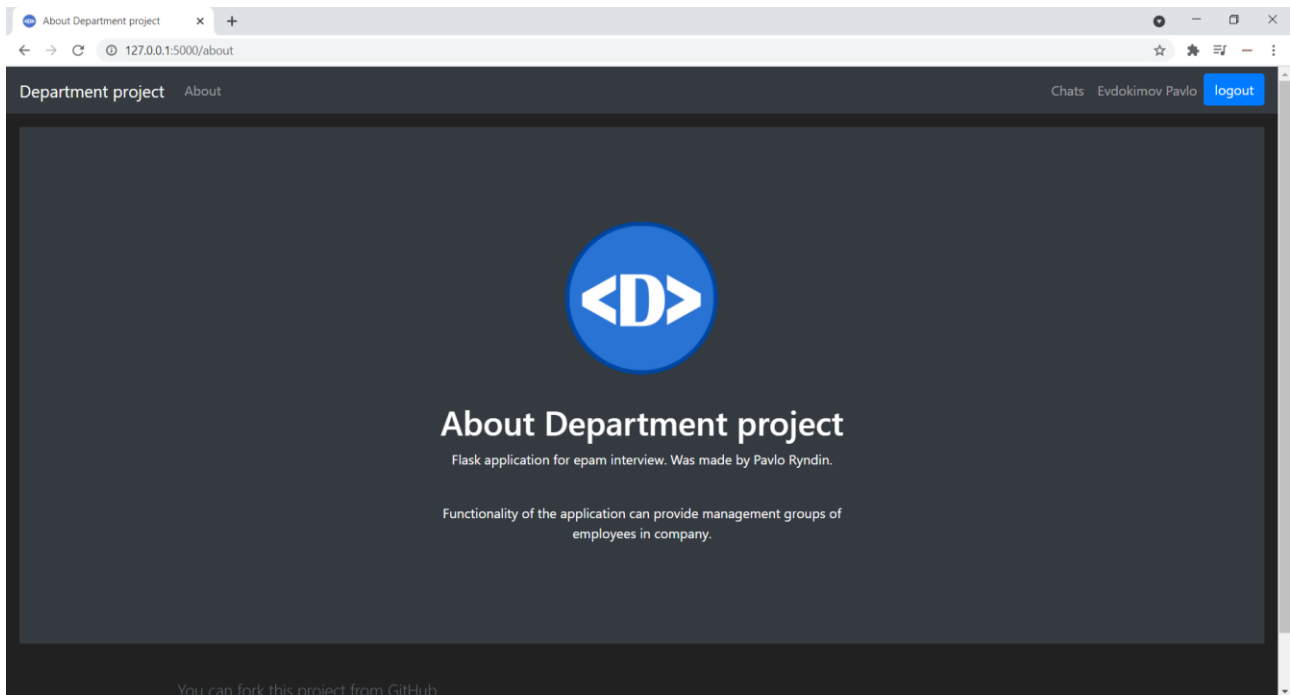


Pic. 2.2 View of main page without user session

Page to address /main

The page functionality can provide the ability to view the main page of the application.

### 3. About page

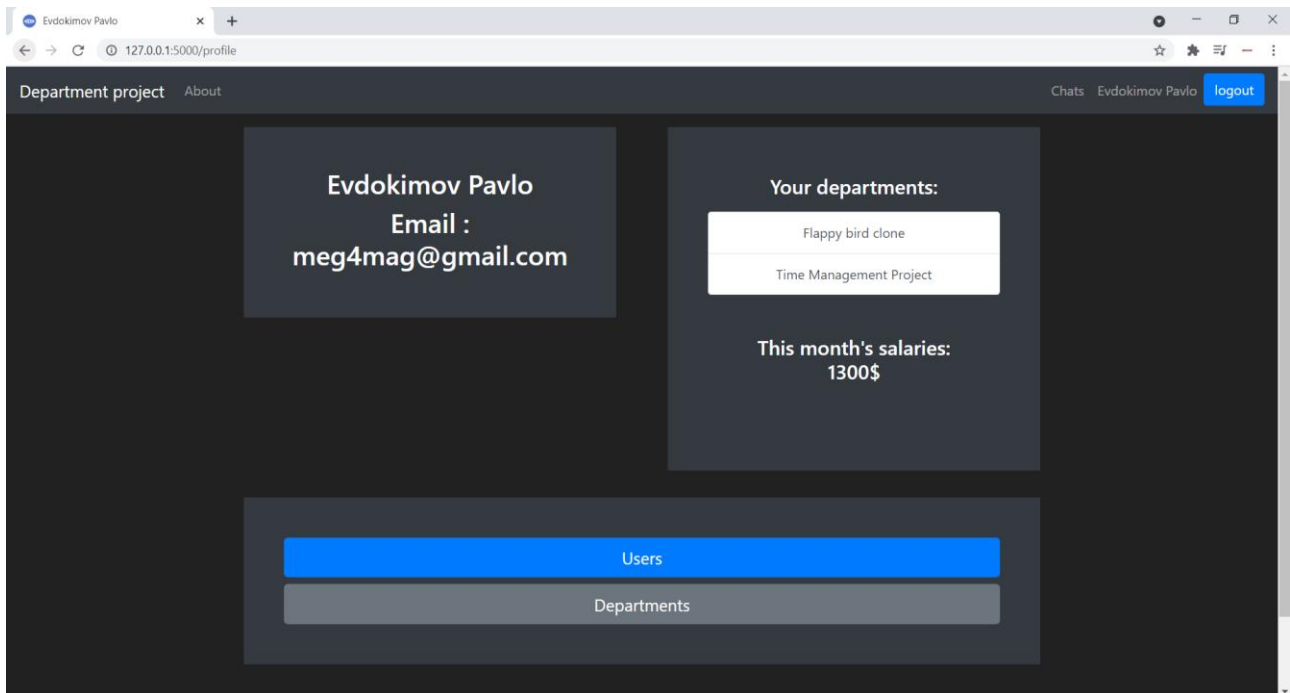


Pic. 3 View of about page

Page to address /about

The functionality of the page can provide the ability to view general information about the application.

## 4. Profile page

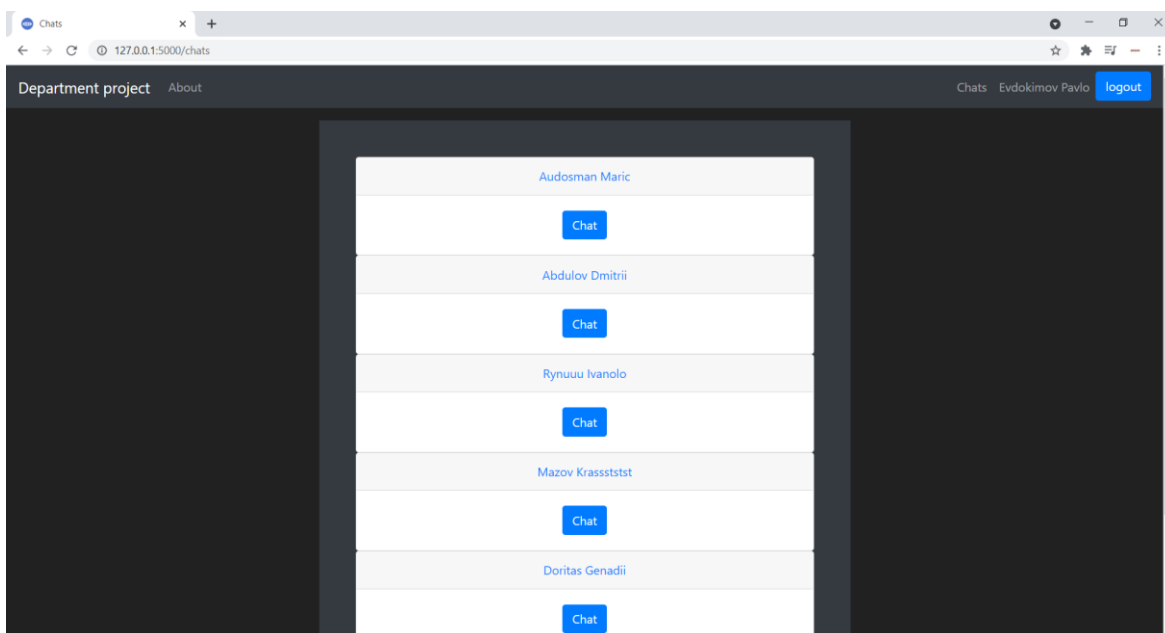


Pic. 4 View of about page

Page to address /profile

The functionality of the page can provide the ability to view the user's personal account, his departments, and the total salary. There are also buttons to navigate to all users page and all departments page.

## 5. Chats page

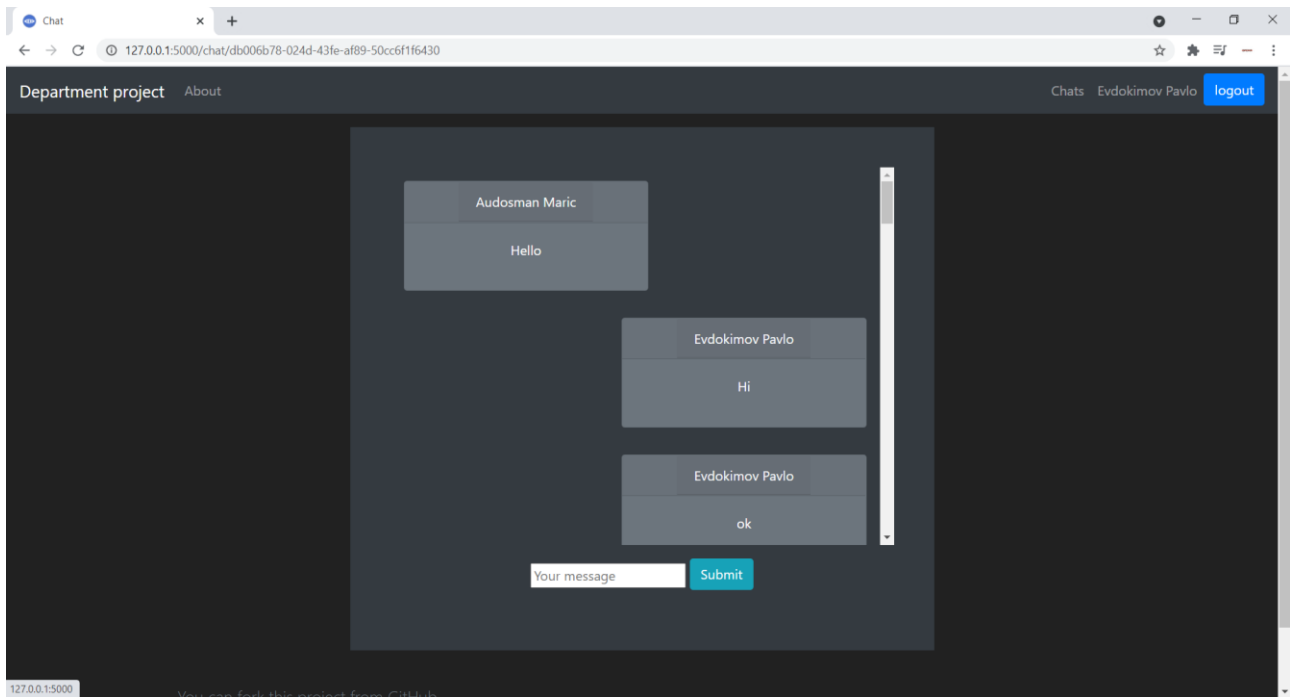


Pic. 5 View of all chats page

Page to address /chats

The functionality of the page can provide the ability to view all of the user's chats.

## 6. Chat page

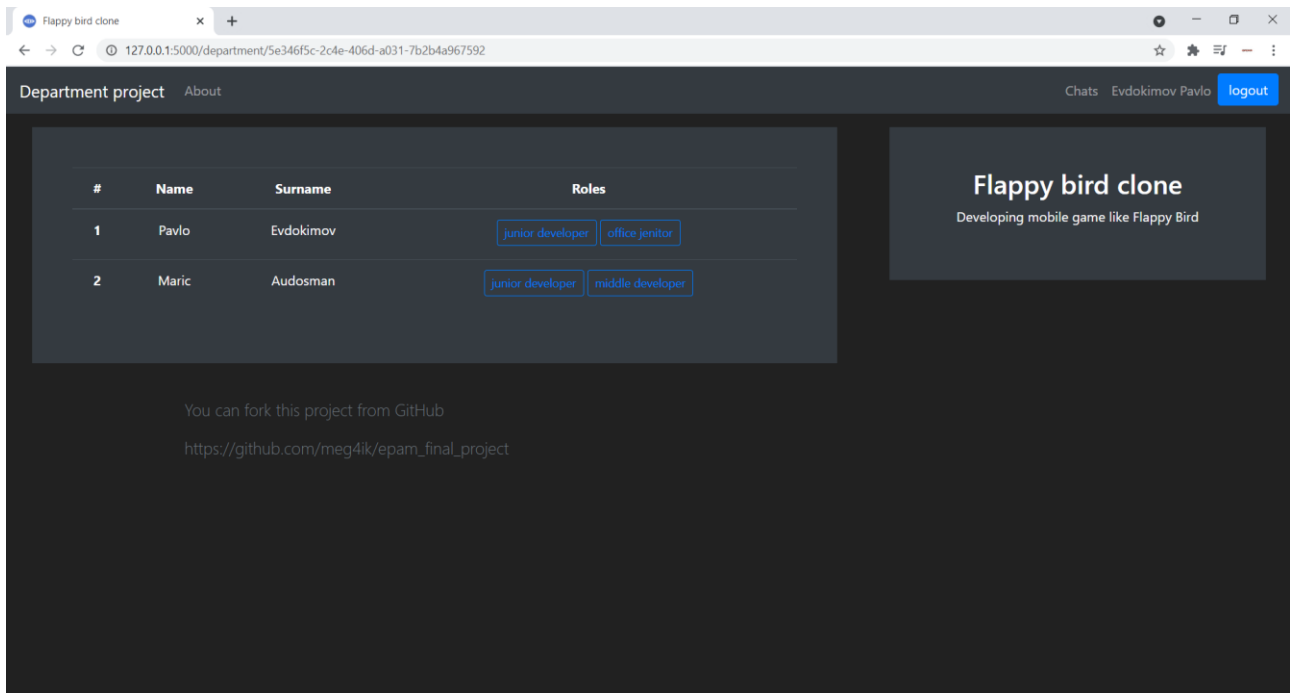


Pic. 6 View of chat page

Page to address /chat/<uuid\_to>

The functionality of the page can provide the ability to view and send messages to another user.

## 7. Department page

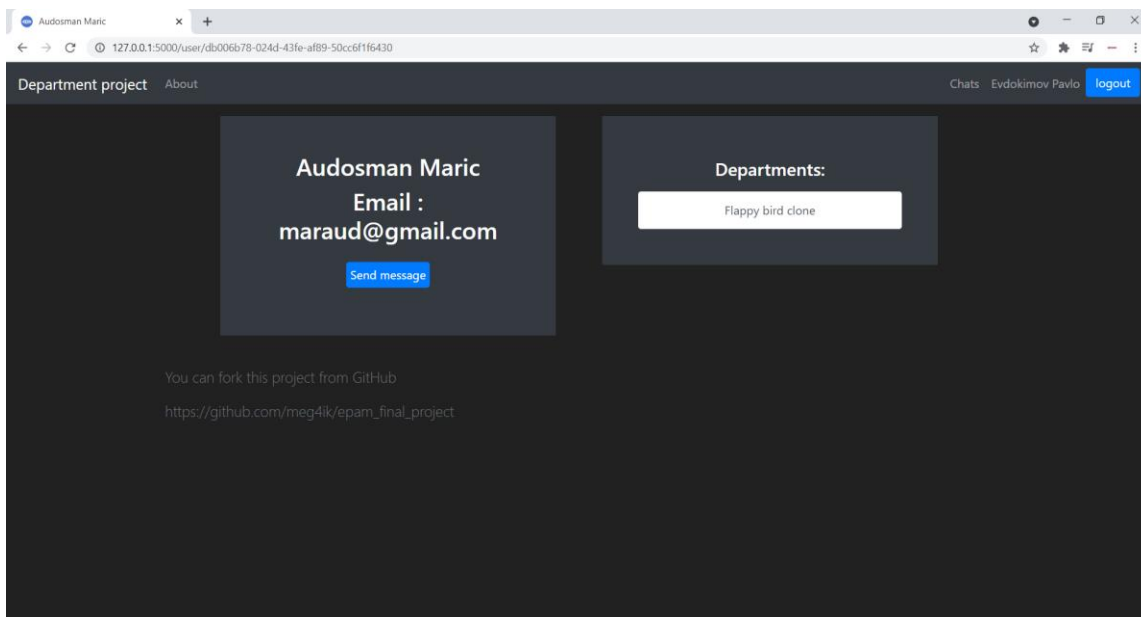


Pic. 7 View of department page

Page to address /department/<uuid>

The functionality of the page can provide the ability to view the list of department members.

## 8. User page

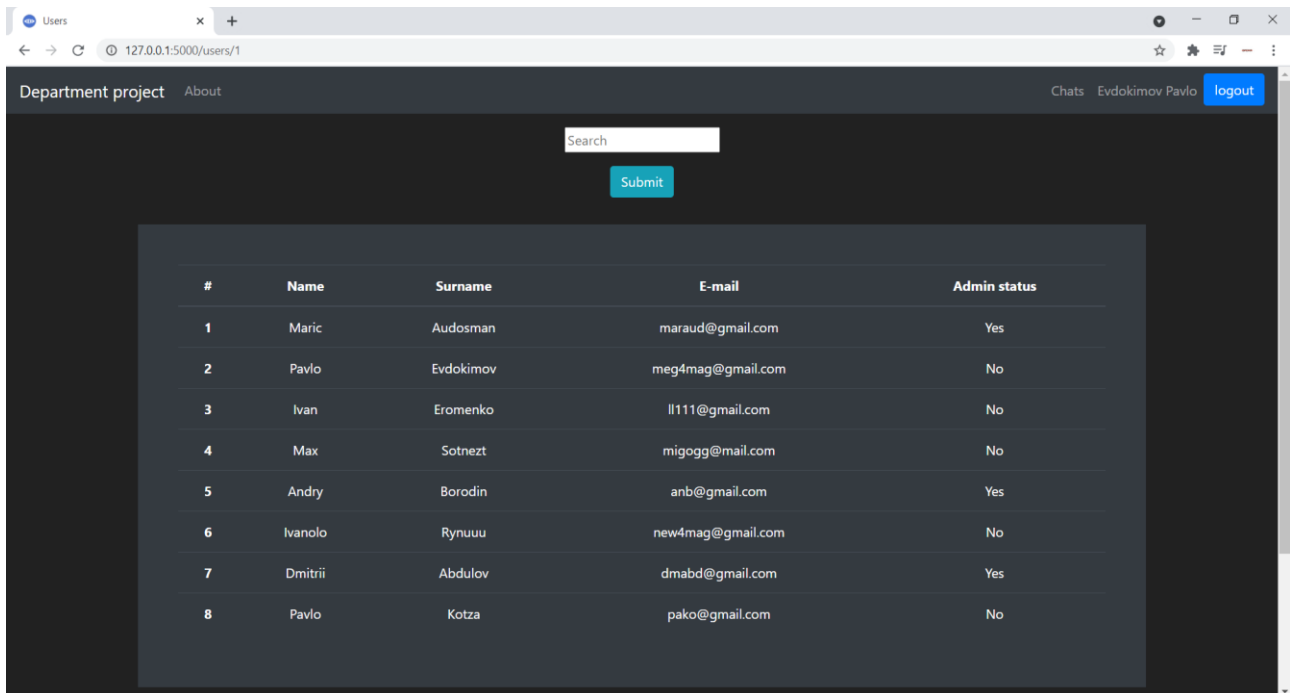


Pic. 8 View of user page

Page to address /user/<uuid>

The functionality of the page can provide the ability to view the data of the user and his departments. There are also button to send message.

## 9. Users list page

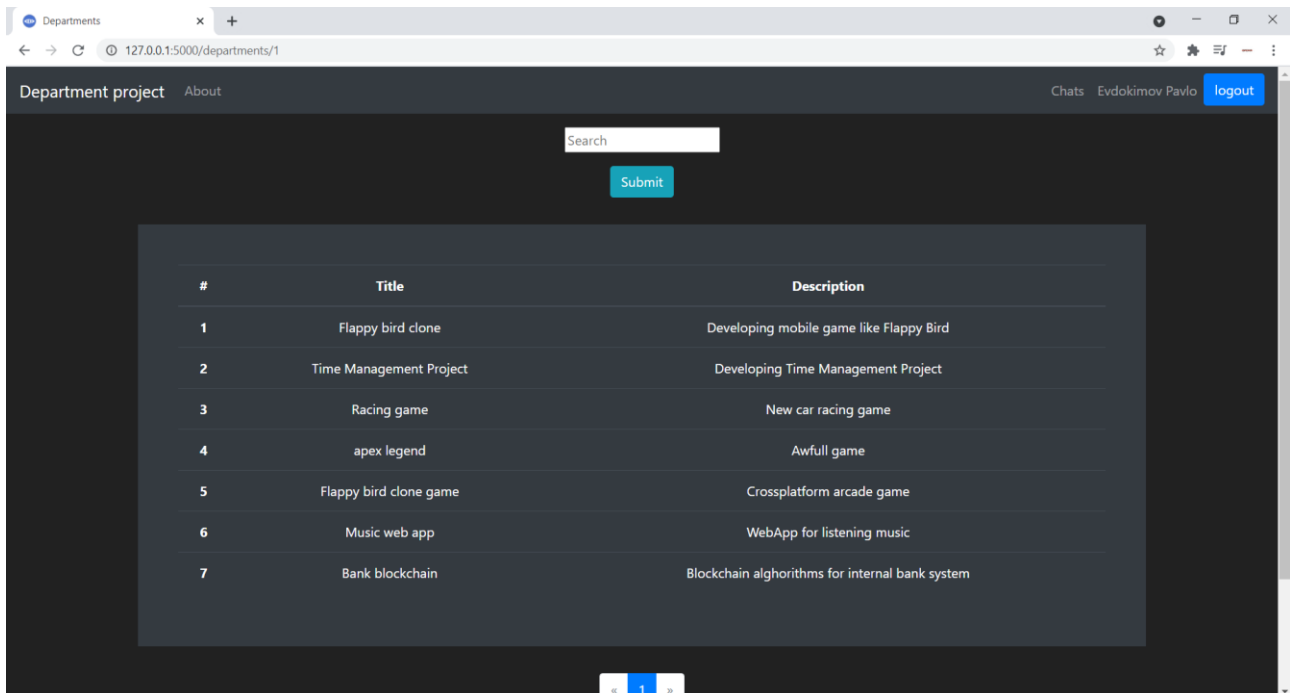


Pic. 9 View of all users page

Page to address /users/<page>

The functionality of the page can provide the ability to view a list of all users and view their data via links.

## 10. Departments list page

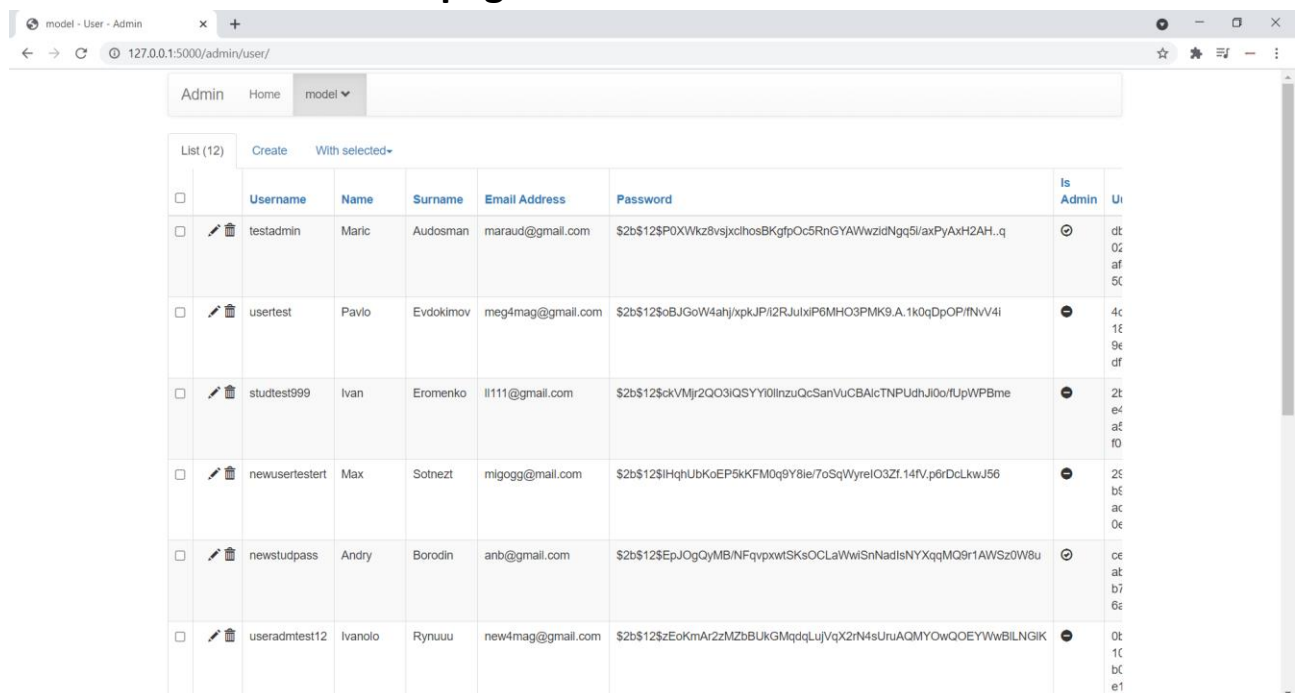


Pic. 10 View of all departments page

Page to address /departmant/<page>

The functionality of the page can provide the ability to view a list of all departments and view their data via links.

## 11. Admin user-model page



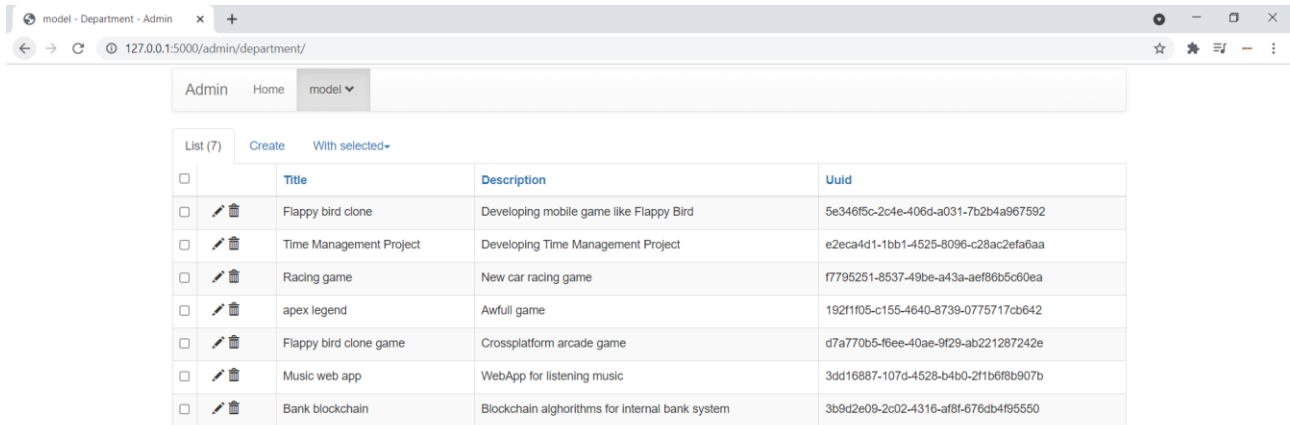
Pic. 11 View of admin user-model page



Page to address /admin/user

The functionality of the page can provide the ability to add / update / delete users.

## 12. Admin department-model page



The screenshot shows a web application interface for managing a department model. At the top, there is a navigation bar with 'Admin', 'Home', and a dropdown menu currently set to 'model'. Below the navigation bar, there is a 'List (7)' button and a 'Create' button. A table with 7 rows and 4 columns is displayed. The columns are 'Title', 'Description', and 'Uuld' (likely UUID). Each row has a checkbox and a delete icon on the left. The table contains the following data:

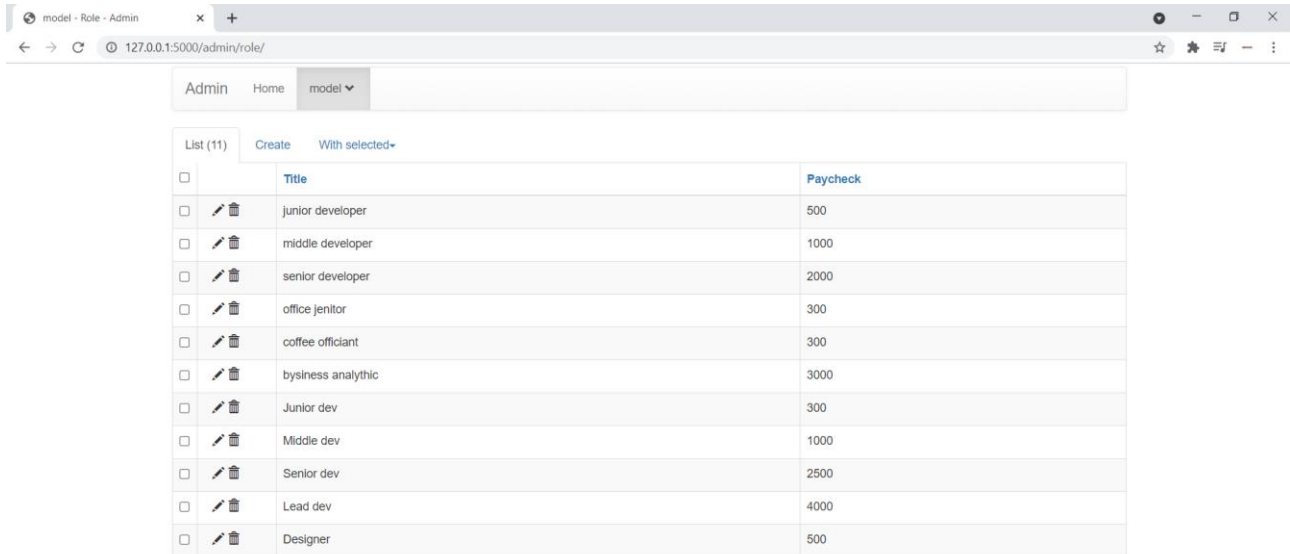
	Title	Description	Uuld
<input type="checkbox"/>	Flappy bird clone	Developing mobile game like Flappy Bird	5e346f5c-2c4e-406d-a031-7b2b4a967592
<input type="checkbox"/>	Time Management Project	Developing Time Management Project	e2eca4d1-1bb1-4525-8096-c28ac2efa6aa
<input type="checkbox"/>	Racing game	New car racing game	f7795251-8537-49be-a43a-aeef86b5c60ea
<input type="checkbox"/>	apex legend	Awfull game	192f1f05-c155-4640-8739-0775717cb642
<input type="checkbox"/>	Flappy bird clone game	Crossplatform arcade game	d7a770b5-f6ee-40ae-9f29-ab221287242e
<input type="checkbox"/>	Music web app	WebApp for listening music	3dd16887-107d-4528-b4b0-2f1b6f8b907b
<input type="checkbox"/>	Bank blockchain	Blockchain algorithms for internal bank system	3b9d2e09-2c02-4316-af8f-676db4f95550

Pic. 12 View of admin department-model page

Page to address /admin/department

The functionality of the page can provide the ability to add / update / delete users.

## 13. Admin role-model page



The screenshot shows a web application interface for managing roles. At the top, there is a navigation bar with 'Admin', 'Home', and 'model' (with a dropdown arrow). Below the navigation bar, there is a section titled 'List (11)' with buttons for 'Create' and 'With selected+'. The main content is a table with two columns: 'Title' and 'Paycheck'. The table lists 11 roles with their respective titles and paychecks.

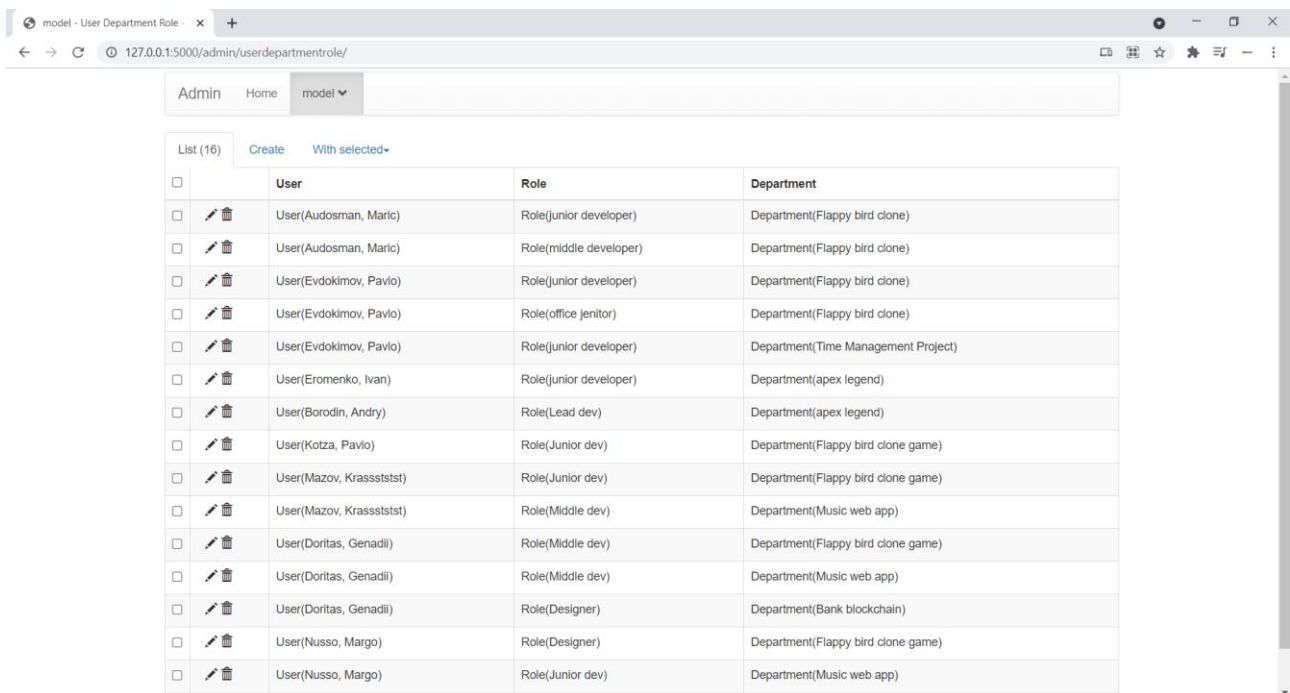
	Title	Paycheck
<input type="checkbox"/>		
<input type="checkbox"/>	junior developer	500
<input type="checkbox"/>	middle developer	1000
<input type="checkbox"/>	senior developer	2000
<input type="checkbox"/>	office jenitor	300
<input type="checkbox"/>	coffee officiant	300
<input type="checkbox"/>	bysness analythic	3000
<input type="checkbox"/>	Junior dev	300
<input type="checkbox"/>	Middle dev	1000
<input type="checkbox"/>	Senior dev	2500
<input type="checkbox"/>	Lead dev	4000
<input type="checkbox"/>	Designer	500

Pic. 13 View of admin role-model page

Page to address /admin/role

The functionality of the page can provide the ability to add / update / delete roles.

## 14. Admin user-department-role-model page



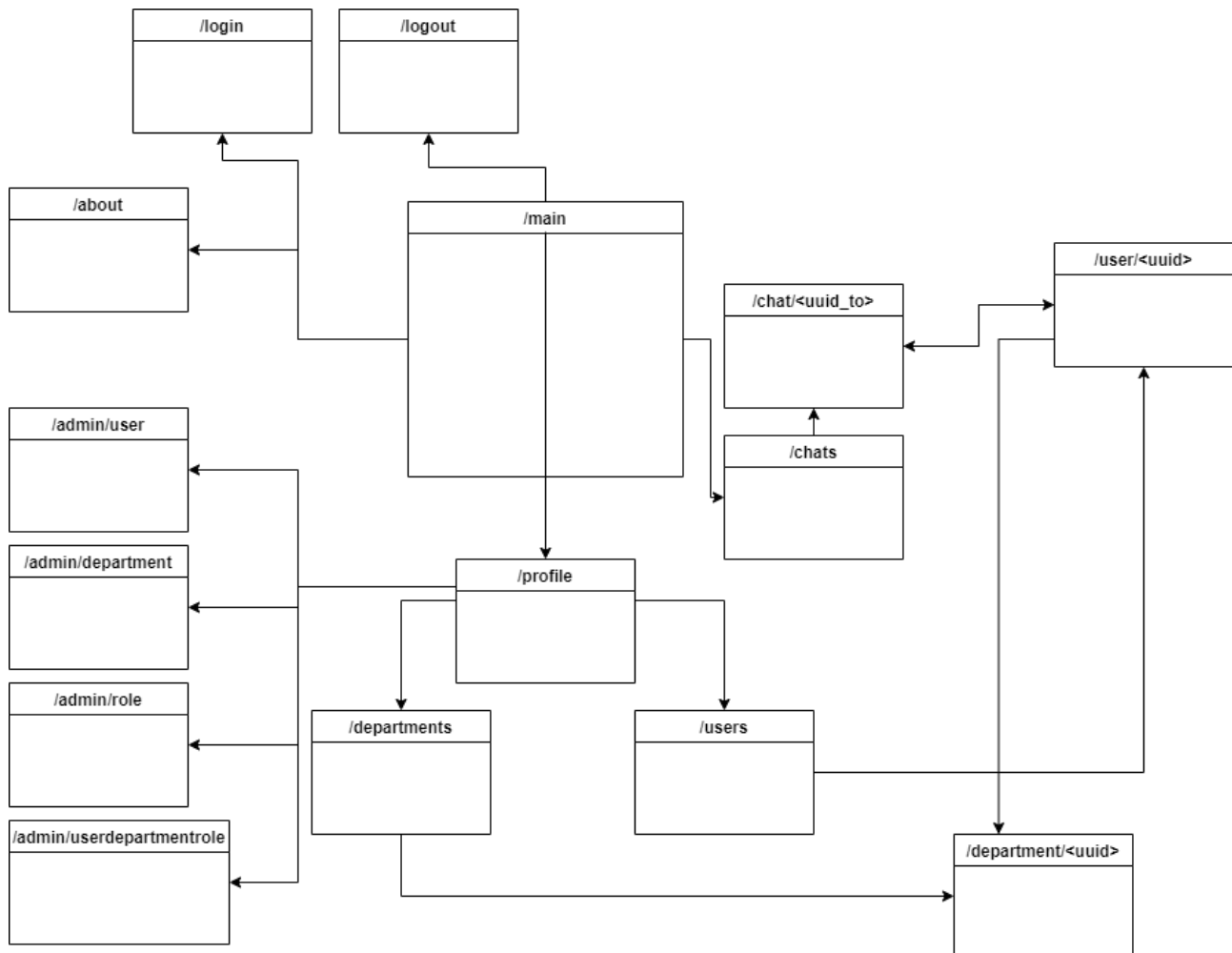
The screenshot shows a web application interface for managing user-department-role relationships. At the top, there is a navigation bar with 'Admin', 'Home', and 'model' (with a dropdown arrow). Below the navigation bar, there is a section titled 'List (16)' with buttons for 'Create' and 'With selected+'. The main content is a table with four columns: 'User', 'Role', and 'Department'. The table lists 16 users with their roles and departments.

	User	Role	Department
<input type="checkbox"/>			
<input type="checkbox"/>	User(Audosman, Maric)	Role(junior developer)	Department(Flappy bird clone)
<input type="checkbox"/>	User(Audosman, Maric)	Role(middle developer)	Department(Flappy bird clone)
<input type="checkbox"/>	User(Evdokimov, Pavlo)	Role(junior developer)	Department(Flappy bird clone)
<input type="checkbox"/>	User(Evdokimov, Pavlo)	Role(office jenitor)	Department(Flappy bird clone)
<input type="checkbox"/>	User(Evdokimov, Pavlo)	Role(junior developer)	Department(Time Management Project)
<input type="checkbox"/>	User(Eromenko, Ivan)	Role(junior developer)	Department(apex legend)
<input type="checkbox"/>	User(Borodin, Andriy)	Role(Lead dev)	Department(apex legend)
<input type="checkbox"/>	User(Kotza, Pavlo)	Role(Junior dev)	Department(Flappy bird clone game)
<input type="checkbox"/>	User(Mazov, Krassststst)	Role(Junior dev)	Department(Flappy bird clone game)
<input type="checkbox"/>	User(Mazov, Krassststst)	Role(Middle dev)	Department(Music web app)
<input type="checkbox"/>	User(Doritas, Genadii)	Role(Middle dev)	Department(Flappy bird clone game)
<input type="checkbox"/>	User(Doritas, Genadii)	Role(Middle dev)	Department(Music web app)
<input type="checkbox"/>	User(Doritas, Genadii)	Role(Designer)	Department(Bank blockchain)
<input type="checkbox"/>	User(Nusso, Margo)	Role(Designer)	Department(Flappy bird clone game)
<input type="checkbox"/>	User(Nusso, Margo)	Role(Junior dev)	Department(Music web app)

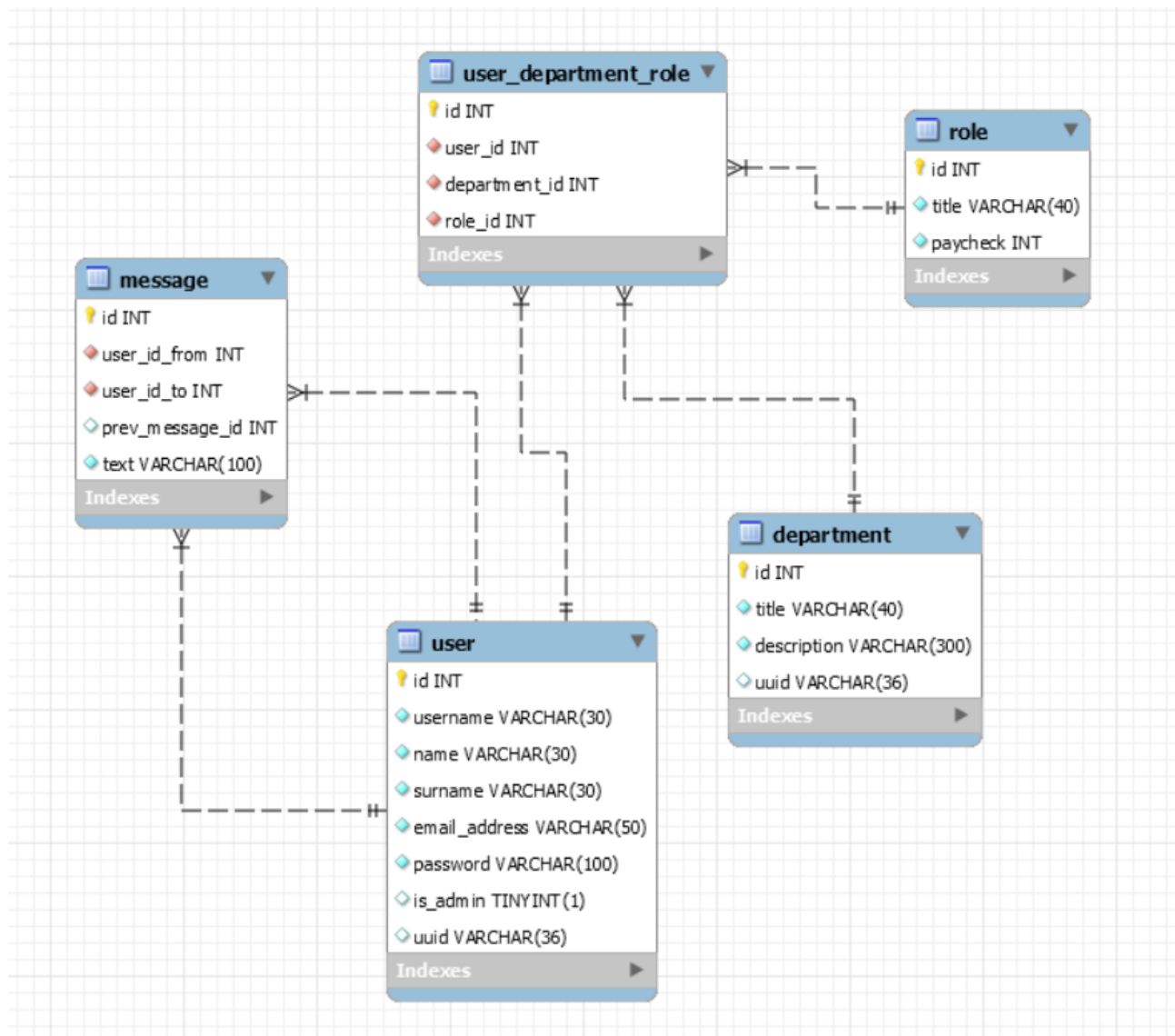
Pic. 14 View of admin user-department-role relationship-model page

Page to address /admin/userdepartmentrole

The functionality of the page can provide the ability to add / change / remove links between roles and departments for each user.



Pic. 15 Model of page links through hyperlinks in the application



Pic. 16 ER-diagram in DBMS schema.