

Course Number: 420-DW4-AS

**Course Title: Web Server Applications Development II Session:
Winter 2023**

Group: 7270

**FINAL PROJECT REPORT
PROPERTY RENTAL MANAGEMENT SYSTEM**

**SUBMITTED
TO
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Property Rental Management Report

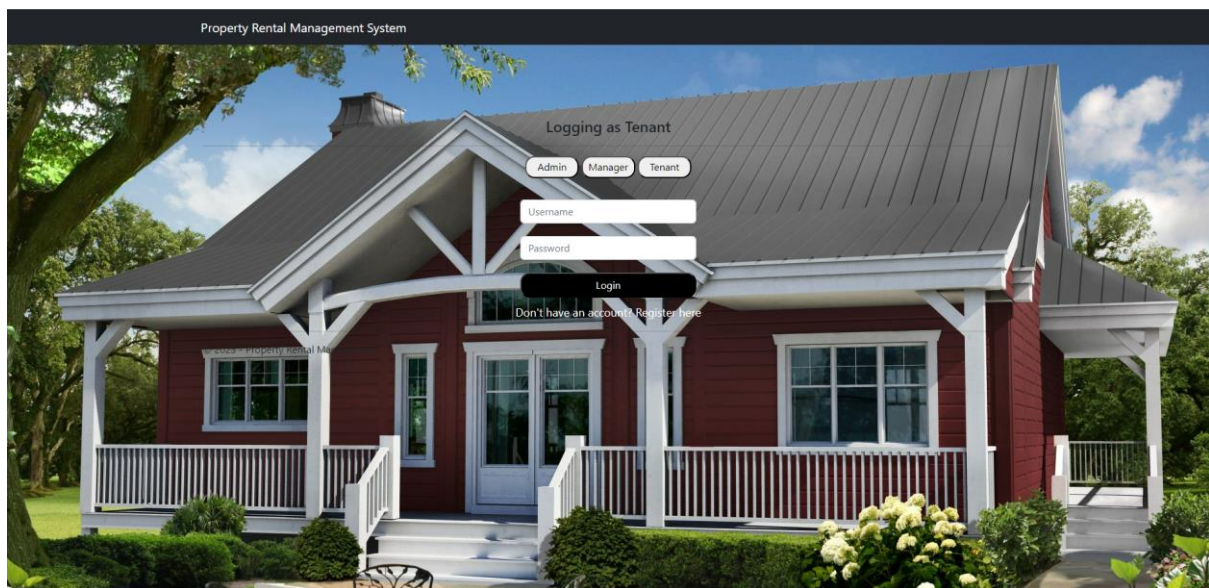
PROJECT DESCRIPTION

The Property Rental Management System is a comprehensive software solution designed to simplify and streamline the rental property management process. The system will provide property managers with an easy-to-use platform for managing all aspects of their rental properties, including tenant information, property status, lease agreements, appointment requests, and more.

FUNCTIONALITY

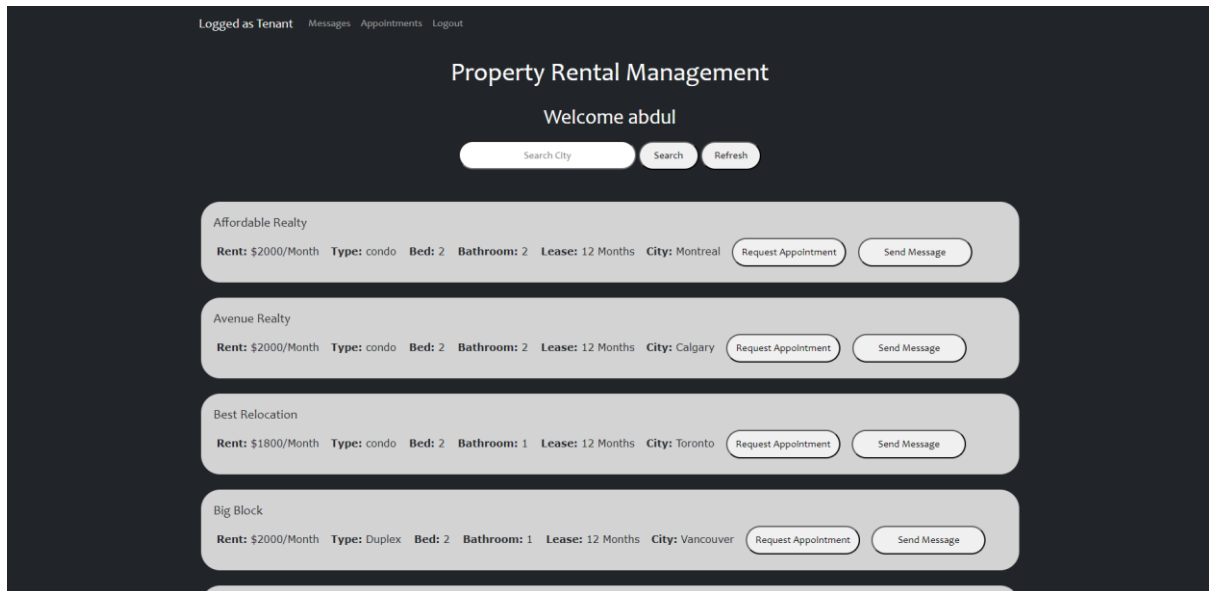
Tenants:

Login

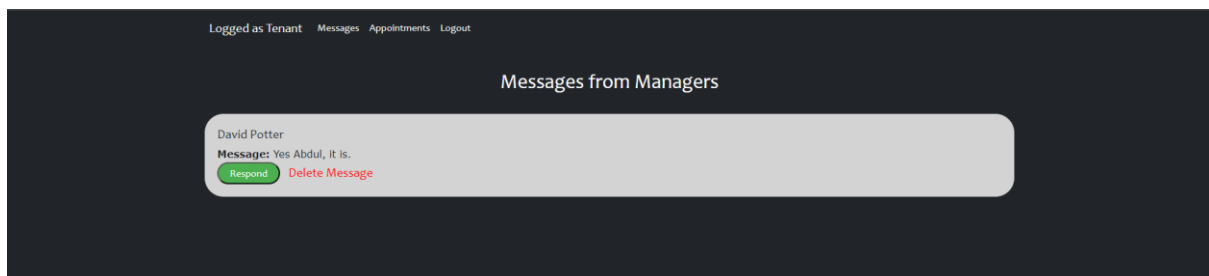


If a tenant wants to register, they can click on the option “Don’t have an account? Register here”.

After successful login tenant can see and search all the properties



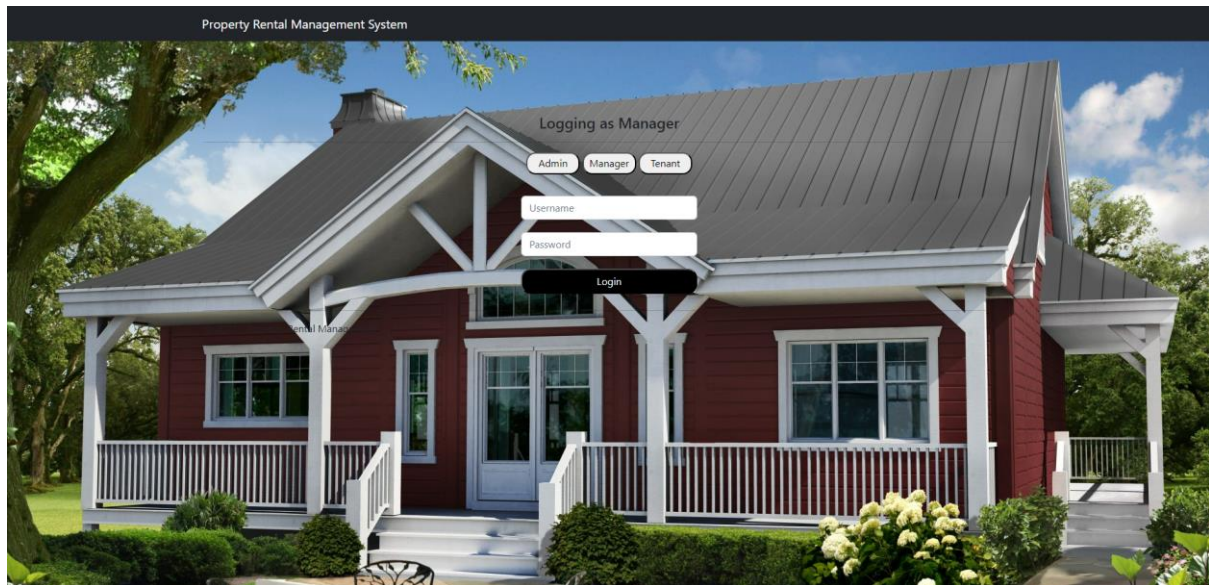
Under the Messages option tenants can see their messages from the managers. Also, tenants can delete the message or/and can respond to them.



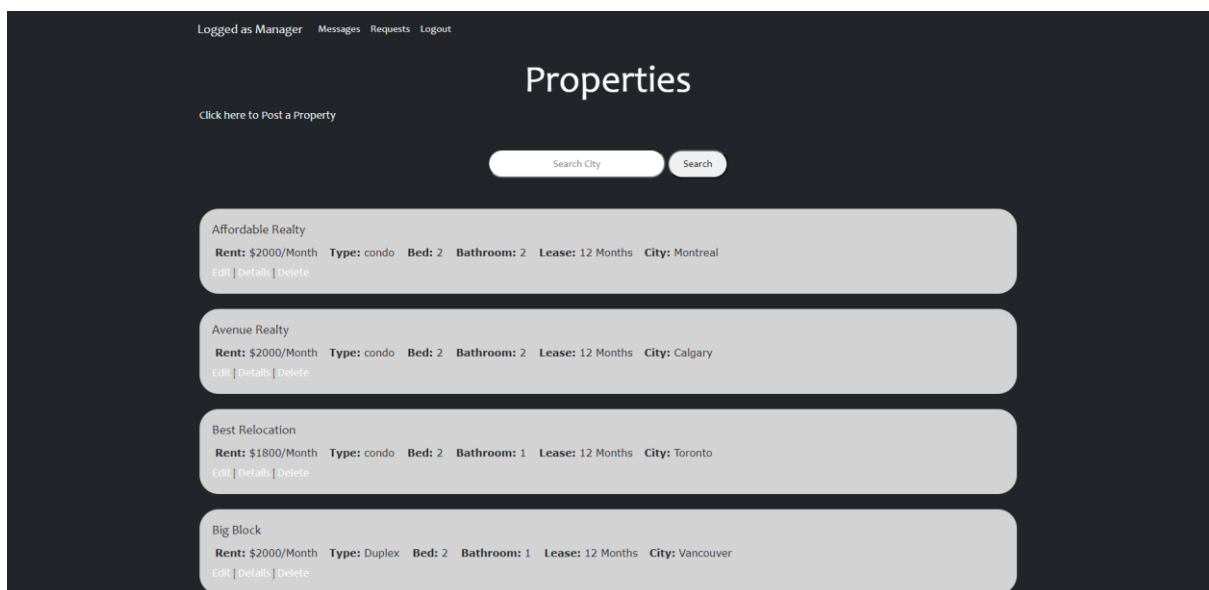
Tenants can see their appointments and log out by selecting these options from the nav bar.

Manager:

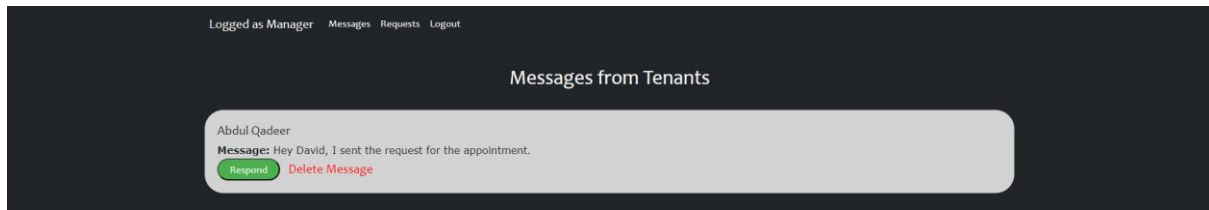
Login



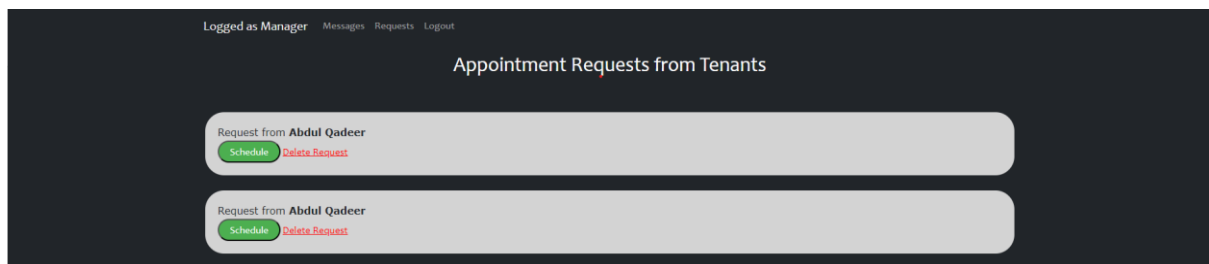
After successful login, managers can see/search/post/edit/delete the properties.



By clicking on messages, managers can see/delete/respond to the messages from tenants.



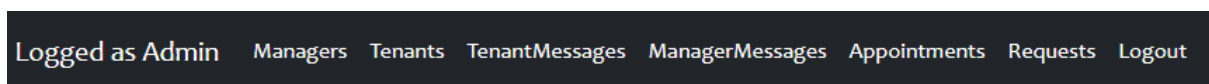
Managers get requests from tenants for appointments



Managers can also log out.

Admin:

Admins have full access to the website, they can create/delete/update/search managers, properties, requests, messages, and appointments from nav bar options. Also, Admin can update/delete/search any potential tenant from nav bar option.



TESTING THE PROGRAM:

User	Functional Requirement	Test Result/Problem
Tenant	login	working
Tenant	Register	Working

Tenant	View properties	working
Tenant	Search Properties	working
Tenant	Send a message to the manager	working
Tenant	Send an appointment request to the manager	working
Tenant	View messages from managers	working
Tenant	Logout	working
Manager	login	working
Manager	Create/delete/search/update properties	working
Manager	View/delete/respond to messages from tenant	working
Manager	View appointment requests from tenants	working
Manager	Logout	working
Admin	Login	working
Admin	Create/delete/update/View/Search all properties	working
Admin	Create/delete/update/View/Search all managers	working
Admin	View/Delete any messages from tenants and managers	working

Admin	Create/update/delete/view any appointments	working
Admin	View all the appointment requests from tenants	working
Admin	Logout	working

Conclusion:

By creating this project, I learned a clear understanding of MVC Architecture, working with databases and data models, and building responsive user interfaces.

BIBLIOGRAPHY

<https://stackoverflow.com/>

[youtube.com](https://www.youtube.com/)