Digs Findr

Digs Findr is a platform designed to facilitate student accommodation, assits students to find their best suited accommodation options near their universities and also helps landlords to get tenants.

Digs Findr aims to simplify the process of finding accommodation for students, particularly those who are new to a city or university. Built by students for students

It assists students who may not be familiar with the local rental market. Digs Findr does this by **web-scrapping local rental agencies' websites** and displaying them for students. This **removes the burden** for students from having to individually look for accommodation on each rental agency's website.

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Additionally, it provides a platform for landlords to advertise their properties specifically to the student demographic, making it easier for them to fill vacancies. Overall, Digs Findr serves as a bridge between students seeking accommodation and property owners offering rental properties.

Acknowledgements

Inspired by digsconnect.com and final year project

Tech Stack

Client: ReactJS, TailwindCSS

Server: NodeJS, ExpressJS

Database: MongoDB

Register

POST /register

Parameter	Type	Description
name	string	**Required**. User's name
email	string	**Required**. User's email
password	string	**Required**. User's password
phoneNumber	string	**Required**. User's phone number
governmentID	string	**Required**. User's government ID
gender	string	**Required**. User's gender
userAddress	string	**Required**. User's address

Login

POST /login

Parameter	Type	Description
email	string	**Required**. User's email
password	string	**Required**. User's password

Get Profile

GET /profile

Parameter	Type	Description
None	None	Retrieves user's profile. **Requires authentication**

Logout

POST /logout

Parameter	Type	Description
None	None	Logs out the user. **Requires authentication**

Upload Image by Link

POST /upload-by-link

Parameter	Type	Description
link	string	**Required**. Link to the image

Upload Image

POST /upload

Parameter	Type	Description
photos	file	**Required**. Image files to upload

Add New Place

POST /places/new

Parameter	Type	Description
placeData	object	**Required**. Place data object. **Requires authentication**

Get User Places

GET /user-places

Parameter	Type	Description
None	None	Retrieves places owned by the user. **Requires authentication**

Get Place by ID

GET /places/:id

Parameter	Type	Description
id	string	**Required**. ID of place to fetch

Update Place by ID

PUT /places/:id

Parameter	Type	Description
id	string	**Required**. ID of place to update
title	string	Title of the place
address	string	Address of the place
propertyType	string	Type of property
placeOffers	string	Offers of the place
addedPhotos	array	Additional photos of the place
description	string	Description of the place
extraInfo	string	Additional information about the place
furnitureIncluded	boolean	Indicates if furniture is included
preferredTenants	string	Preferred tenants
price	number	Price of the place

Book Place

POST /bookings

Parameter	Type	Description
place	string	**Required**. ID of the place to book
checkIn	string	**Required**. Check-in date
checkOut	string	**Required**. Check-out date
phoneNumber	string	**Required**. Phone number of the user
name	string	**Required**. Name of the user
numberOfGuests	number	**Required**. Number of guests

Parameter	Type	Description
price	number	**Required**. Price of the booking

Get All Places

GET /places

Parameter	Type	Description
None	None	Retrieves all places

Get User Bookings

GET /bookings

Parameter	Type	Description
None	None	Retrieves bookings for the logged-in user. **Requires authentication**

Screenshots

Screenshots

Features

- Allow landlords to upload properties
- Allows users to view properties
- Web scrap local rental agencies
- Allows students to search for available rooms or properties, connect with landlords or property managers, and finalize rental agreements.
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🔗 Links

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🚀 About Me

A Rhodes University Computer Science and Information Systems graduate. Currently studying Honours in Information Systems. Aspiring software engineer.

🛠 Skills

- Languages: C#, Java, Python, PHP, JavaScript, TypeScript, SQL(Postgres, MySql, Ms Server), HTML, CSS(Tailwind, Bootstrap)
- Frameworks: React(Next.js), React Native, Express.js(Node.js)
- Dev Tools: VS code, Visual Studio, Unity3D, GitHub, Eclipse

- Libraries: Redux, Keras, SciKit-Learn, Pandas, MatplotLib, NumPy, MatplotLib, SciPy

Authors

Lesego Quincy Pitsi

- [@Github Link](#)