

Otithee.com

Analysis Report

Date: 14/02/24

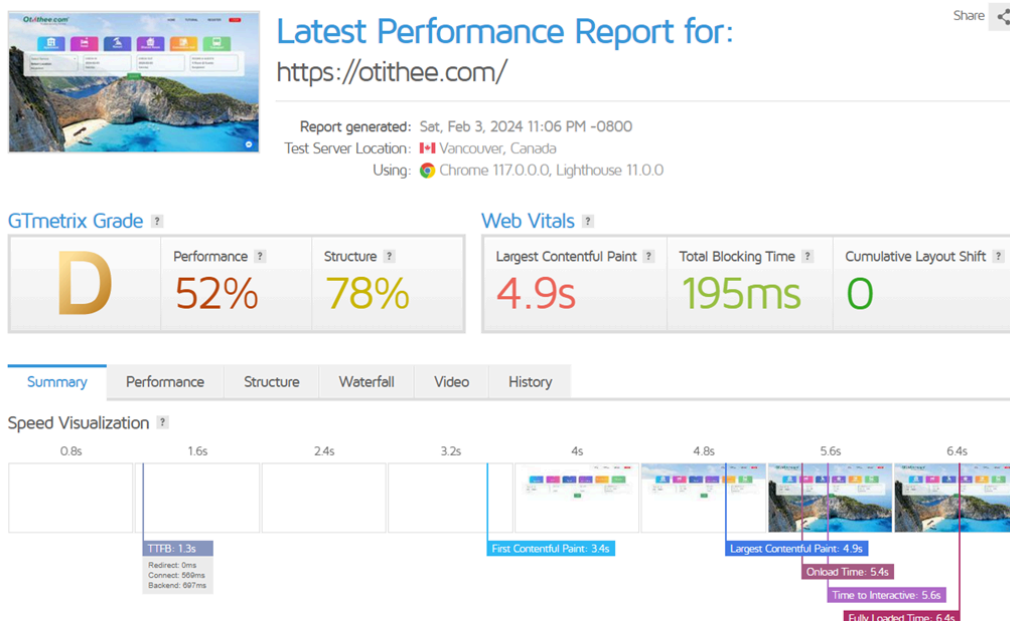
1. Otithee.com Website (Suggestions)

- a. This part should be removed for a more user-friendly interface. Does not work on desktop Mode.

The screenshot shows a search interface with the following fields and controls:

- Select Location:** A dropdown menu with "Select Location" as the placeholder.
- Checkin date:** A date input field showing "02/04/2024" with a calendar icon.
- Checkout date (Optional):** A date input field with a placeholder "mm/dd/yyyy" and a calendar icon.
- Number of bed:** A dropdown menu with "-- All --" as the selected option.
- Number of bath:** A dropdown menu with "-- All --" as the selected option.
- Price Range:** A range slider with input fields for "100" and "100000".
- Area Range:** A range slider with input fields for "100" and "100000".
- Search Button:** A green button with a location pin icon and the text "Apartments Near Me".

- b. Sorting products should be more simplified for users to understand.
- c. Large contents should be transferred to the CDN network for fast site loading.
- d. SMS Gateway should be changed from SSL Commerce to (SMS Solutions) <https://www.smssolutions.net/> for instant message delivery.
- e. The Laravel version needs to be upgraded.
- f. The Entire Frontend layout should be changed to attract more users to use our platform.
- g. Change shared hosting to individual hosting



Performance Metrics

The following metrics are generated using Lighthouse Performance data.

Metric details ☐ OFF

First Contentful Paint ?	Much longer than recommended 3.4s	Time to Interactive ?	Much longer than recommended 5.6s
Speed Index ?	Much longer than recommended 5.2s	Total Blocking Time ?	OK, but consider improvement 195ms
Largest Contentful Paint ?	Much longer than recommended 4.9s	Cumulative Layout Shift ?	Good - Nothing to do here 0

Name	Suggestions	Comments
User Account	Agent References	Agents are unable to share their reference numbers directly through the links. Here, we can implement direct reference number-sharing links.
User Registration	NID Verify	We can use direct https://porichoy.gov.bd/ API to verify user NID information through the NID number.
<div>ইউজারের বৃত্তান্ত</div> <div><div><div><div><div><div>জাতীয় পরিচয়পত্র নম্বর</div><div>9152845419</div></div><div><div>ইউজারের নাম</div><div>MD. YAMIN HOSSAIN</div></div><div><div>পিতার নাম(ইংরেজি)</div><div>MD HAFIZUDDIN MANDOL</div></div><div><div>মাতার নাম(ইংরেজি)</div><div>MST NAZRIN NAHAR</div></div><div><div>লিঙ্গ :</div><div><div>পুরুষ</div><div>মহিলা</div><div>অন্যান্য</div></div></div></div><div><div>বর্তমান ঠিকানা</div><div><div>হোন্ডিং নম্বর/গ্রাম/বাড়ি(বাংলা)</div><div>১১১</div></div><div><div>রোড/ব্রক/সেক্টর/পাড়া-মহল্লা(বাংলা)</div><div>মোপ, নওয়াপাড়া রোড</div></div><div><div>বিভাগ</div><div>খুলনা</div></div></div></div><div><div>ছবি পরিবর্তনের জন্য ছবির উপরে ক্লিক করুন</div><div>ছবির সাইজ সর্বোচ্চ ১৫০ কেবি (৩০০ x ৩০০ পিক্সেল)</div></div><div><div><div>জন্ম তারিখ</div><div>31/12/1997</div></div><div><div>ইউজারের নাম(বাংলা)</div><div>মোঃ ইয়ামিন হোসেন</div></div><div><div>পিতার নাম (বাংলা)</div><div>মোঃ হাফেজ উদ্দীন</div></div><div><div>মাতার নাম (বাংলা)</div><div>নাজরীন নাহার শাপলা</div></div><div><div>রক্তের গ্রুপ</div><div>O(+)/VE</div></div></div><div><div>স্থায়ী ঠিকানা</div><div><div>হোন্ডিং নম্বর/গ্রাম/বাড়ি(বাংলা)</div><div>-</div></div><div><div>রোড/ব্রক/সেক্টর/পাড়া-মহল্লা(বাংলা)</div><div>মালগা</div></div><div><div>বিভাগ</div><div>রাজশাহী</div></div></div></div></div>		
Users/Guest	Pagination	When users search for resorts, apartments, hotels, shared rooms, and other services, the page is currently loaded every time. It should be automated, so that as users scroll down, pagination is done automatically.

ঠিকানা

বর্তমান ঠিকানা

হোডিং নম্বর(গ্রাম/বাড়ি/বাংলা)

১১১

রোড/ব্রক/সেক্টর/পাড়া-মহল্লা(বাংলা)

যোগ, নওরাপাড়া রোড

বিভাগ

সুলনা

স্থায়ী ঠিকানা

হোডিং নম্বর(গ্রাম/বাড়ি/বাংলা)

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রোড/ব্রক/সেক্টর/পাড়া-মহল্লা(বাংলা)

মালিকা

বিভাগ

রাজশাহী

2. Otithee.com Website(Issues)

Name	Issues	Comments
Property Owner	Web Route	Property owners can see Agent Ranking, and Club Ranking Gallery route from their panel. This route should be hidden from their panel.
		Users have reported that Google Maps does not display hotels, resorts, and other services; instead, it shows the message 'Oops! Something went wrong.'
User Account	URL slug	When users search for any hotels, resorts or other services, the URL parameter slug shows all parameters. I think we should change this structure.

3. Otithee.com Website(Security concern)

Name	Issues	Comments
Laravel Web Framework	Laravel 6.0	It should be updated to the latest version because Laravel 6.0 runs PHP 7.2, which is significantly slower compared to PHP 8.2.
Hosting Related	cPanel Hosting	The cPanel hosting experiences frequent downtime issues, leading to occasional website slowdowns. Consider migrating to a Virtual Private Server (VPS) for improved reliability.
Security Concerns	Web Server/FTP Intrusion	Property owners can directly upload any Bash script from their panel. These are the main security concerns at the moment. If the cPanel hosting provider doesn't turn off the maximum execution time and CLI, the server can be compromised at any time.

Database Structure	Complex Structure	The database structure is excessively complex and challenging to comprehend. Although I have identified relationships between the most essential roles, the complexity remains too high.
User Interface	Front-end Page	The front-end page looks outdated and is a bit confusing for users. Additionally, it is built with jQuery, causing occasional lags. It should be updated to resemble the design of https://gozayaan.com for a more modern and user-friendly experience. React, NextJS, Vue JS can improve website loading speed and user experiences.

4. Otithee.com App (Issues)

- a. The app needs to convert to the latest Flutter version.
 - i. Issues:
 1. Performance improvement
 2. No null Safety. Runtime errors will be increased.
 3. Security issues.
- b. Property search should be more user-friendly. There are too many options for searching for a property
- c. Tutorials can be well-aligned and optimized.
- d. The app drawer should be optimized by using the default Drawer Widget
- e. Dynamic landing Page(new hotel will be added automatically).
- f. There is no state management in this app
- g. There is no limitation uploading images in the profile picture. When i add profil photo other profilephoto should be replaced.

5. Otithee.com App (Suggestions)

- a. Certificate printing can be easily done by Generating PDFs.
 - i. At first, I have to Get Agent data (name and number and Serial number).

- ii. Then, I have to generate a PDF for each agent, Each Page of the PDF will Certificate for the Agent
- iii. Each page will be made with the same template matching the certificate.
- iv. In this way, I can Print Hundreds of Certificates at once.

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