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FINAL REPORT

SCHOOL OF INFORMATION TECHNOLOGY AND ENGINNERING (SITE)

INTERNSHIP

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Submitted to: Mr. Eyob G
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Acknowledgement

I would like to acknowledge Yeha Rooms for giving us the chance to work with them. I would also like to thank my advisors that I worked with at Yeha Rooms, Leoul Mekonen and Nathenael Mekonen.

Finally, I would like to thank my advisor Mr. Eyob G for his supp

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CHAPTER ONE

1.1 Background History

Yeha Rooms formerly known as Alga 24, is a travel room booking advisor by comparing thousands of cheap hotels and rooms around Ethiopia. Yeha Rooms was founded by two Addis Ababa Institute of Technology, Software Engineering graduates, in 2018, and has grown to be the largest network of branded network of Hotel in Ethiopia.

Yeha Rooms provides customers with available hotel rooms, guest houses with their prices from around Ethiopia and lets customers choose the offers form their partners. Yeha Rooms displays some of the very best hotel deals from a range of sites, letting customers browse the site's vast library of reviews, then begin their hotel booking seamlessly.

Figure 1.1 Yeha Rooms Logo

1.2 Vision

Yeha Rooms vision is to be the first online room booking company based on Ethiopia. Yeha Rooms aims to make online booking a custom practice for Ethiopians when traveling.

Yeha Rooms strives to be the best they can be at everything the service they provide for their customers. They employ a "Great to Best" mindset as they seek to improve. They focus on excellence and impact. They are embracing our public charter and ethos, with a commitment to serve all.

1.3 Mission

Yeha Rooms' mission is to make it easier for everyone to experience Ethiopia, by providing and connecting travelers to memorable experiences, a variety of incredible places to stay – from homes to hotels, and much more.

Yeha Rooms best feature is a good selection of well-located places to stay, with some of the best hotel prices around.

1.4 Internship at Yeha Rooms

Yeha Rooms has worked with intern's form Addis Ababa Institute of technology every year since it was founded in 2018.

Yeha Rooms accepts two interns every year, and trains them to be the best at what they do by providing them with a good working environment and mentorship.

Figure 1.2: Yeha Rooms Work Space and Yeha Rooms' workers at an event

CHAPTER TWO

2. 1 Internship Overall Experience

This internship has been such a growing experience for me and left me with skills that will be useful throughout my career. I feel that the experience empowered me to really dive headfirst into getting ready for my "real-world" career. My experience has brought me closer to my goals and I am excited for what the future has to bring!
I enjoy the people I work with and I thrive in a team environment and consider myself a team player.

2.1.1 How I get into the company

- I got the information about this company from students who were interns at Yeha Rooms before me.

- The application was mostly based on our interests in the software field, since all of the projects they have are mainly focused on either website designing and Mobile application development.

- Finally, we had to do an interview in person with our potential employers.

2.1.2 Division I have been working on

- I have been working as a programmer on two projects. One focused website development and the other one on Android app development both for Yeha Rooms itself.

- I was a part of the front end developers team for the mobile app and part of the testing team in website development

2.2 Tasks I Have Been Working.

- Developing and maintaining the user interface.

- Testing the mobile app

- Testing the website

2.3 Challenges I have faced while performing my tasks

- Figuring out how to be part of a new work culture can at times be frustrating.

- adjusting to your new responsibilities.

- overwhelmed with work demands.

- Working in a new environment.

CHAPTER THREE

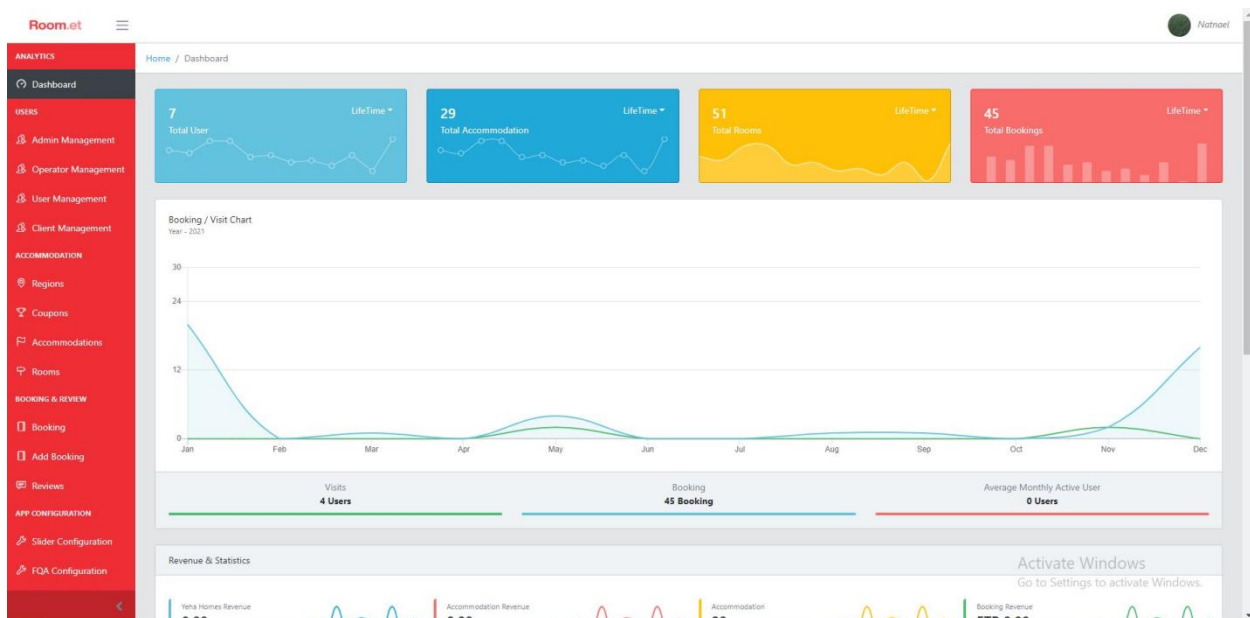## 3. 1 General overview of Yeha Rooms Website development

Figure 3.1 sample screen capture from the room management page

Yeha rooms website is designed mainly for works from the admin side, such as registering hotels and guest houses with their locations(regions), the rooms they have with pictures, additional facilities they have and additional services they offer, and their prices.

But this doesn't mean that end users cannot use the website to book, it has that functionality too.

My work on the website was performing testing which includes:

Usability testing:

- Usability Testing Menus, buttons or Links to different pages on your site should be easily visible and consistent on all webpages

- Content should be legible with no spelling or grammatical errors.
- Images if present should contain an "alt" text

Compatibility tests:

- ensures that your web application displays correctly across different devices. This would include-Browser Compatibility Test: Same website in different browsers will display differently.we test if the website is being displayed correctly across browsers.The rendering of web elements like buttons, text fields etc. changes with change in Operating System.

Crowd Testing:

- we executed a select group of people in the company.

- With more testing we did with more devices comes an increased number of bugs, issues, or defects, identified in less time.

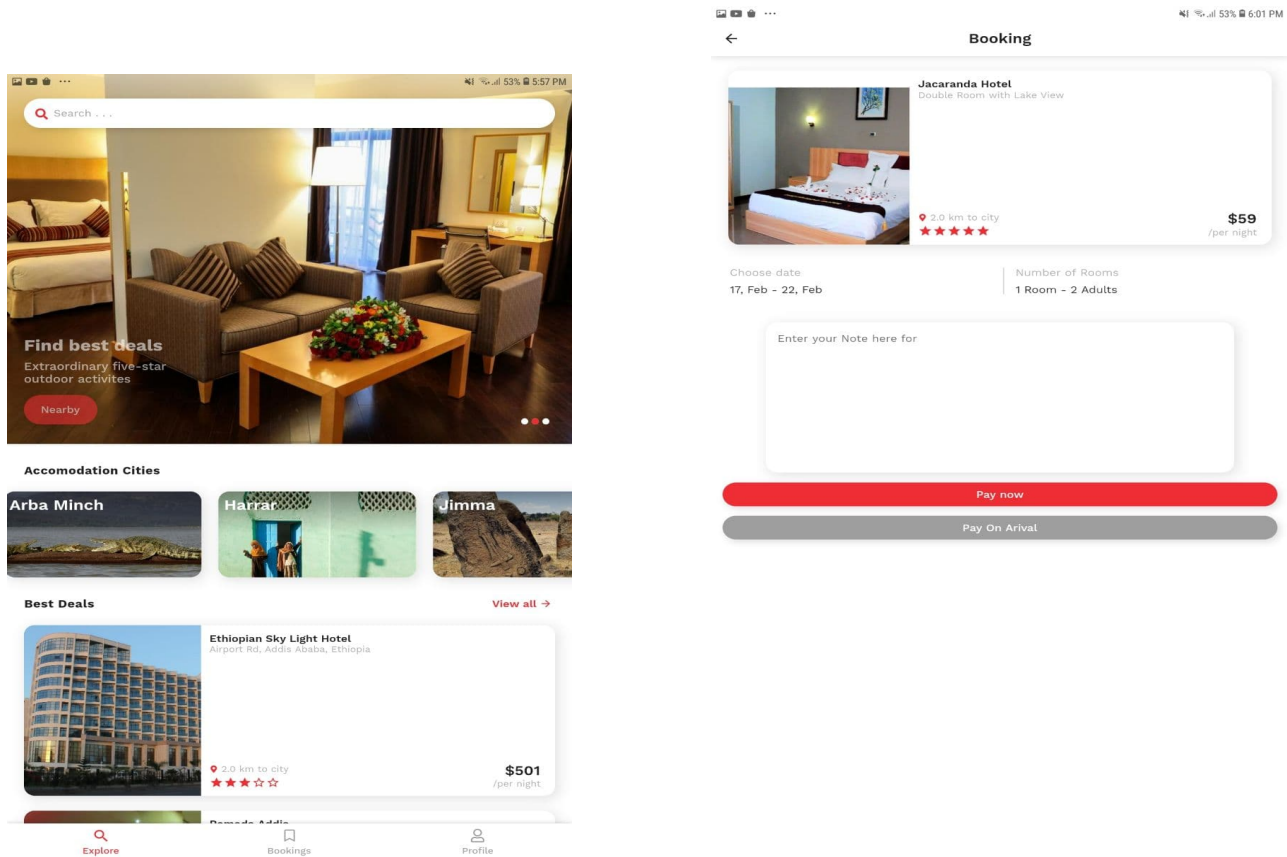## 3.2 General overview of Yeha Rooms Android App development

Figure 3.2 sample screen capture from the Yeha Rooms Mobile App

Yeha Rooms mobile app UI is designed using flutter because:
- the flutter way of rendering makes the framework really stand out from the crowd eliminating any worries about the UI consistency on different platforms
- Also, the Flutter toolkit includes every possible library, component and widget needed to recreate android look and feel
- In addition to that its design-friendly.

3.3 Future Plans of Yeha Rooms

The future plans of Yeha Rooms are:
• to be the first online room booking company based on Ethiopia
• to make it easier for everyone to experience Ethiopia.
• And to make it a custom for Ethiopian people to use online based booking system.

CHAPTER FOUR

4.1 What I learned during my internship

The primary thing that I learned from my internships was the expertise or skills required to complete tasks in the field. My internship experiences made me realize the importance of teamwork. Hence, the experience taught me the importance of teamwork and its impact on department and companies success. Working as an intern and completing imperative tasks for my departments and companies gave me confidence to believe in myself. The completion of these tasks and assignments created a sense of accomplishment or something that I took pride in.