

# EaZy-PG

We provide services!

Not Only Premium

**FREEMIUM !**

# INTRODUCTION

Room search websites play a significant role in today's housing market for several important reasons

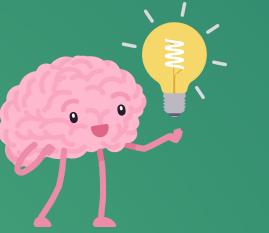
- TODAY, WE'LL EXPLORE THE DEVELOPMENT OF A CUTTING-EDGE WEBSITE DEDICATED TO ROOM SEARCHING.
- THE HOUSING MARKET IS RAPIDLY EVOLVING, AND SO ARE THE TOOLS WE USE TO FIND ROOMS OR ACCOMMODATIONS.
- THIS PRESENTATION AIMS TO ADDRESS THE EVOLVING NEEDS OF ROOM SEEKERS AND ROOM OWNERS BY INTRODUCING A USER-FRIENDLY PLATFORM THAT COMBINES GOOGLE MAPS FOR LOCATION-BASED SEARCHES AND OFFERS FREE REGISTRATION FOR ROOM OWNERS.

# Agenda



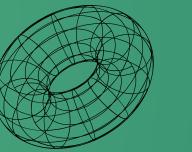
PROBLEM STATEMENT

SOLUTION OVERVIEW



KEY FEATURES

WEBSITE WIREFRAME



GOOGLE MAPS API

HOW GOOGLE MAPS API WORKS



# PROBLEM STATEMENT



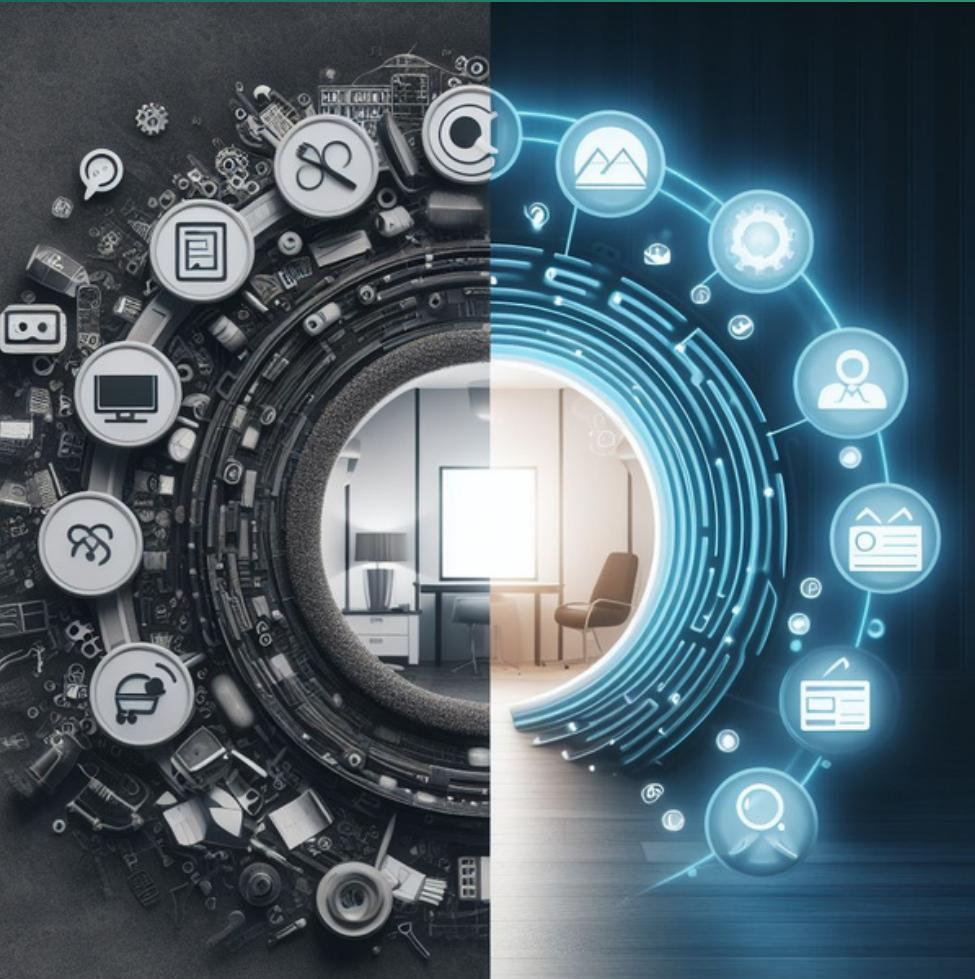
- TRADITIONAL ROOM SEARCHES ARE OFTEN CUMBERSOME, TIME-CONSUMING, AND LACK TRANSPARENCY.
- USERS FACE CHALLENGES, SUCH AS LIMITED OPTIONS, LOCATION DIFFICULTIES, AND INCOMPLETE INFORMATION.
- OUR GOAL IS TO ADDRESS THESE ISSUES BY INTRODUCING A MODERN ROOM SEARCH PLATFORM.

# SOLUTION OVERVIEW

**OUR SOLUTION IS A DEDICATED ROOM SEARCH  
WEBSITE THAT SIMPLIFIES THE PROCESS OF  
FINDING ROOMS.**

**USERS WILL EXPERIENCE ENHANCED  
CONVENIENCE, TRANSPARENCY, AND  
EFFICIENCY.**

**THIS PLATFORM COMBINES LOCATION-BASED  
SEARCHES AND FREE REGISTRATION FOR ROOM  
OWNERS.**



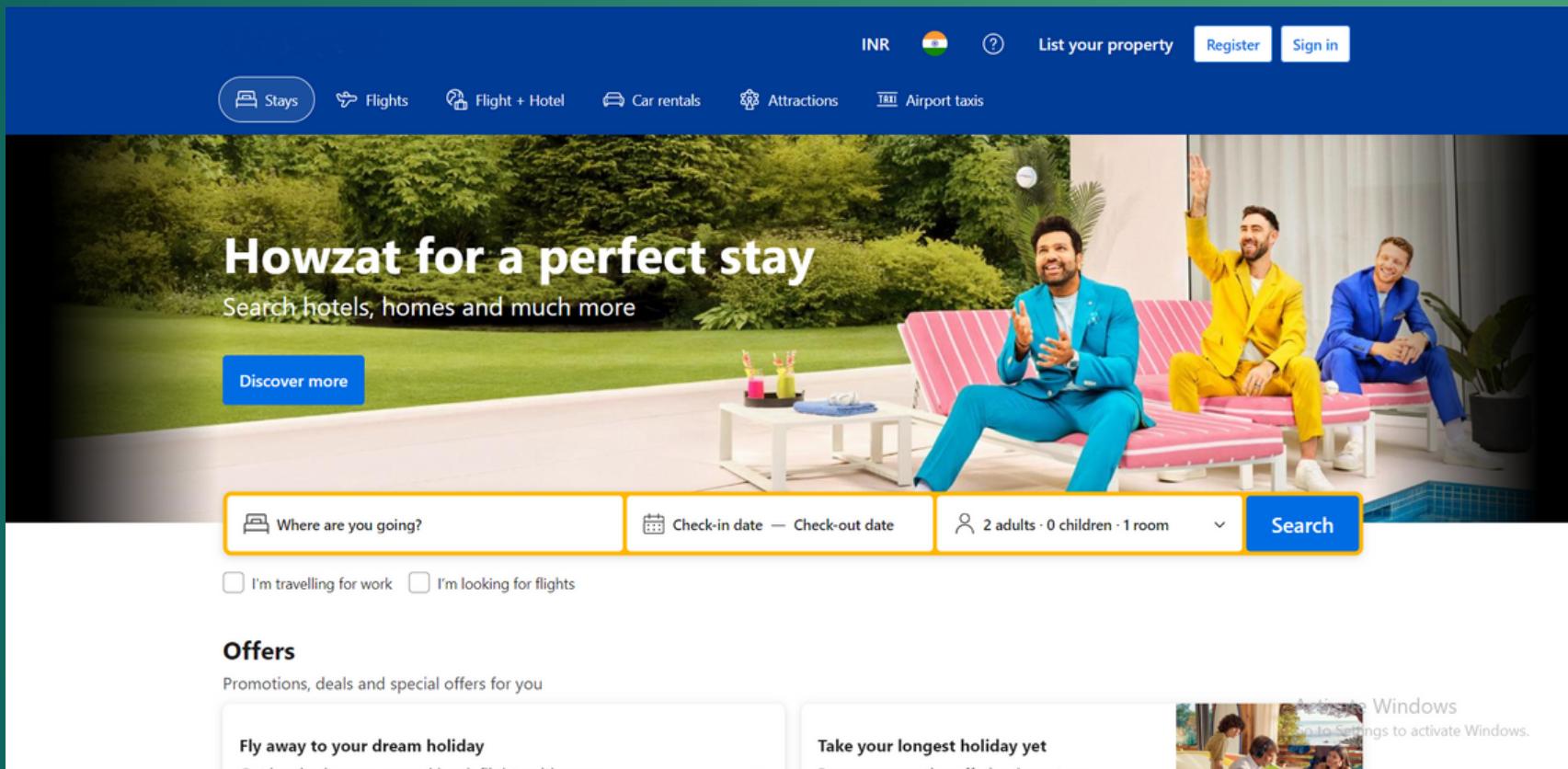
# KEY FEATURES

- LOCATION-BASED ROOM SEARCH
- USER REGISTRATION
- FREE REGISTRATION FOR ROOM OWNERS
- ROOM LISTING AND DETAILS
- GOOGLE MAPS API INTEGRATION
- STREAMLINED AND ENGAGING USER EXPERIENCE



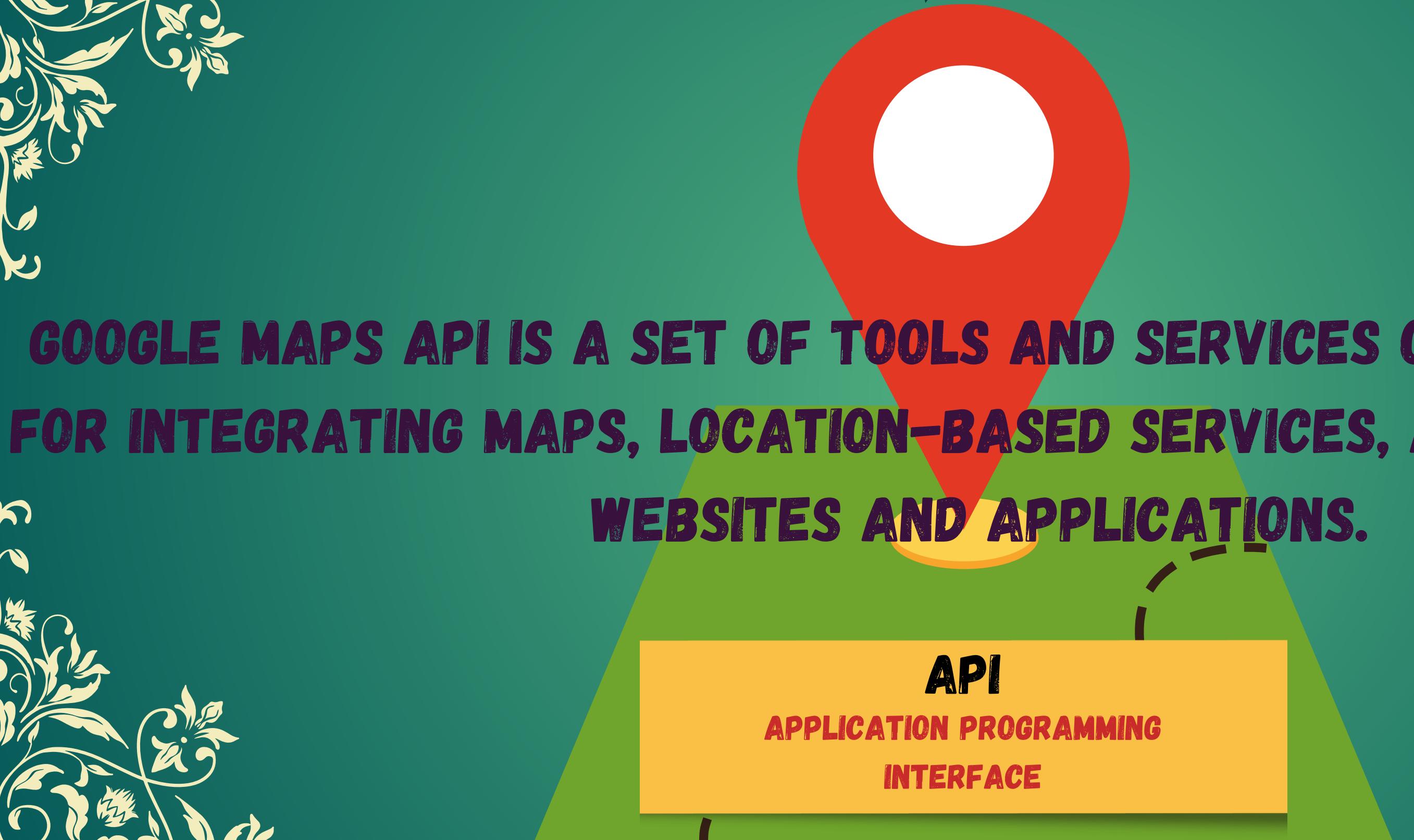
# WEBSITE WIREFRAME

KEY COMPONENTS INCLUDE THE SEARCH BAR, MAP, REGISTRATION/LOGIN OPTIONS, AND LISTINGS.



This wireframe shows a sign-in page with a dark blue header and a white content area. The title "Sign in" is at the top. Below it is a text input field labeled "Email address" with a placeholder "Email address". A blue "Next" button is below the input field. There's also a "Email a sign in link" button and an "or" link. A note states: "To connect a sign in method, the email must match the one on your Washington Post account." Below this are four social media connection buttons: "Continue with Amazon" (with the Amazon logo), "Continue with Facebook" (with the Facebook logo), "Continue with Google" (with the Google logo), and "Continue with Apple" (with the Apple logo). At the bottom, there's a link "Need an account? [Sign up](#)".

# GOOGLE MAPS API



**GOOGLE MAPS API IS A SET OF TOOLS AND SERVICES OFFERED BY GOOGLE FOR INTEGRATING MAPS, LOCATION-BASED SERVICES, AND GEOCODING INTO WEBSITES AND APPLICATIONS.**

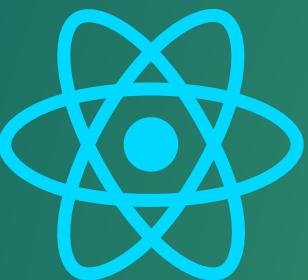
# HOW GOOGLE MAPS API WORKS

- **GEOCODING:** CONVERTS ADDRESSES INTO GEOGRAPHIC COORDINATES.
- **MAPPING:** DISPLAYS MAPS AND CUSTOM MARKERS.
- **MARKERS:** ADDS LOCATION-SPECIFIC MARKERS ON THE MAP.

API

```
<SCRIPT ASYNC DEFER SRC = "HTTPS://MAPS.GOOGLEAPIS.COM/MAPS/API/JSC?
KEY = YOUR_API_KEY&CALLBACK = INITMAP">
```

# TECHNOLOGY USED



React

NEXT.<sup>.js</sup>

CSS

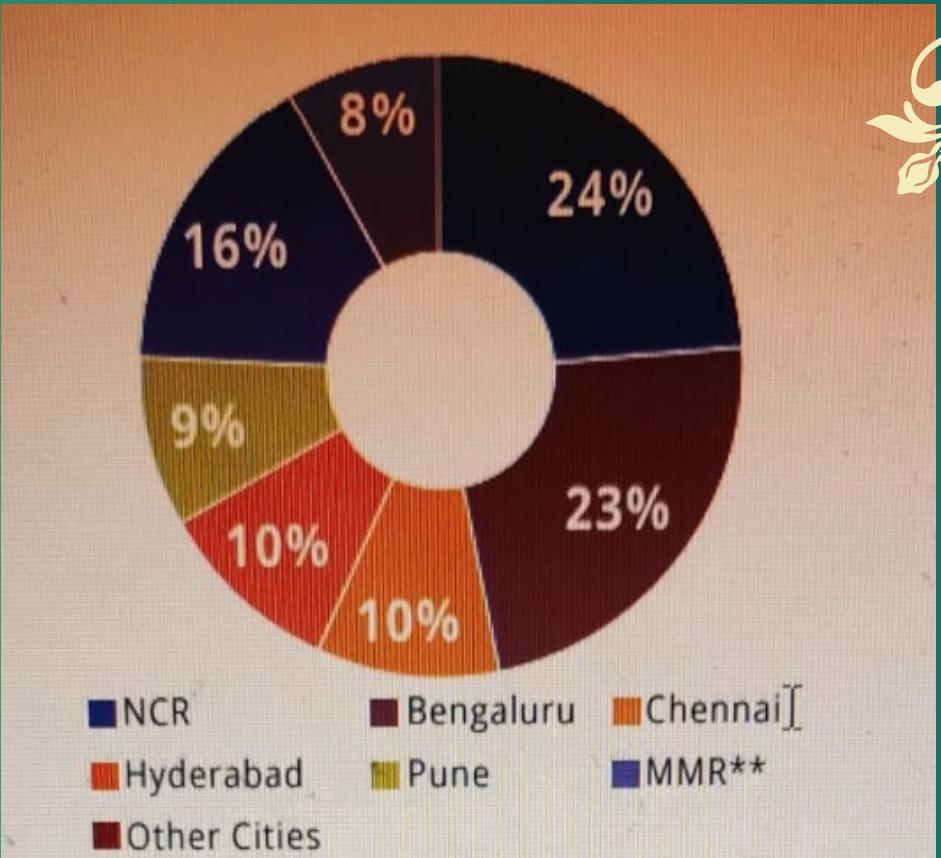


MySQL®



# MARKET ANALYSIS

ACCORDING TO RESEARCH CONDUCTED BY MAGIC BRICKS, DURING THE FISCAL YEAR 2022–23, THE NORTHERN CITIES OF NEW DELHI, NOIDA, GREATER NOIDA, AND GURUGRAM COLLECTIVELY REPRESENTED 24% OF THE TOTAL DEMAND FOR ACCOMMODATION AND 25% OF THE TOTAL SUPPLY. BENGALURU CLOSELY FOLLOWED, CONTRIBUTING TO 23% OF THE DEMAND AND 17% OF THE SUPPLY. AT A PAN INDIA LEVEL, APPROXIMATELY 25% OF PG SEEKERS SEARCHED FOR ACCOMMODATIONS EXCLUSIVELY FOR WOMEN; WHILE ANOTHER 20% SEARCHED FOR PG RESERVED FOR MEN.



Supply almost matched the demand for key cities

