MULTICABS

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Abstract— Now a day's, Cab market in India is growing rapidly with a lot of new entrants who run private Cab companies apart from the existing public Cab market. The public Cab market consists of Cab s that are too old with very little comfort and safety, while on the other hand the Cab s in the private Cab market are modern along with features like GPS, more comfort and safety. The proposed system is an online system that is fully integrated. It effectively and efficiently automates manual procedures this brings together the registered travel agencies/ cab operators/cab owners and the customers. www.bookyourcab.co.in provides this service for free of cost i.e. we provide free registration for the cab owners, and free service to the travelers/customers/users who go for booking a cab or car or Cab. Here the customers can book a cab /taxi/car by viewing all the cab details and pricing details available, according to selected city and area. It is the reliable service provided to both customers and Travel agencies the admin can also fetch all the details related to user and can also fetchd the booking details. The driver can see his bookings After a Proper Validation.

Keywords: Customers, Cab Booking Rate, Designation, PHP, MySQL

I. INTRODUCTION

Managing and growing a successful startup is ripe with challenges from all sides – from keeping employees and investors happy, to raising money and constantly improving your bottom line. Not every start-up is bound for success. In actuality, getting money from an investor is no easy feat, but when you know what states are the most investor friendly, what investors are looking for and how to build a powerful team around your organization -- then you are much more likely to find start-up success. Ola Cabs, more popularly known as Ola, is just like any other marketplaces online, but more specifically into providing Cab services. Ola, which started as an online cab aggregator in Mumbai, now resides in the Silicon Valley of India a.k.a. Bangalore, and is also known to be one of the fastest growing businesses in India, out-beating its competitors Uber & Meru, Red bu, Go Green. Coming back to the man behind Ola; simple yet charming Bhavish, with the success of his prodigy has certainly become the talk of the town. But even after becoming a millionaire, he still prefers to not buy a car and take a cab (to set an example, we presume), certainly doesn't goes down well with his wife. He believes that, such is a small price that every entrepreneur has to pay. Multicabs Management System is developed to manage all cab hiring work online.

It is an online system through which customers can view available cabs; register the cabs, view profile and book cabs. Mostly peoples use cab service for their daily transportations need. Cab booking agency can also check which cab is free for booking and which cabs are on booking at present time.

The proposed Multicabs Management system ensures that the users can book the cab as per their requirements by on to the website. It allows users to book their cabs online, logging manage their bookings and cancel their bookings at any point of time. The users will get notified about the driver and his mobile no.

Most companies throughout the industry make a profit based of the type of cars that are rented. The rental cars are categorized into economy, compact, compact premium, premium and luxury. And customers are free to choose any car of their choice based on their purse and availability of such car at the time of reservation.

II. PURPOSE AND MOTIVATION

Create a web-based system that allows consumers to register and reserve automobiles online while also allowing the firm to manage its cab booking business efficiently. To make the process of renting an automobile easier for consumers. The proposed system is computerized and has been developed using PHP, HTML, CSS, therefore it gives more facilities than the present system. It provides quick access to any data that is stored in the database. In this system, the user has to enter the data only once and then it will get stored in the database which gets linked with all files. This reduces the workload of the user and it is also a time saving process. We developed this project to book a cab on rent at the fare charges. In present system all booking work done manually and it takes very hard work to maintain the information of booking and cars. If you want to find which vehicle is available for booking then it takes a lot of time. It only makes the process more difficult and hard. This aim of the project is to automate the work performed in the car rental management system like generating daily bookings, records of car or cab available for booking, record of routes available, rental charges for cars for every rout, store record of the customer. Multicabs management system is a car booking software that provides a complete solution to all your day-to-day car booking office running needs. This system helps you to keep the information of Customer online. You can check your customer information any time by using this system. Cab rental management system is a unique and innovative product. Using this this you can also keep the information of number of bookings in current month or in last 6 month or in last year. This helps you to track your business and you earning in particular month or in any year. Based on this information you can take decision regarding your business development.

III. MODELING AND ANALYSIS

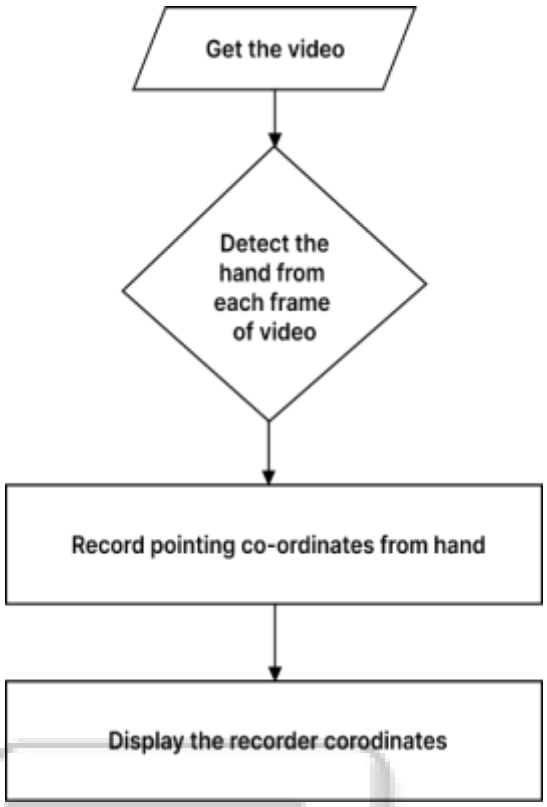
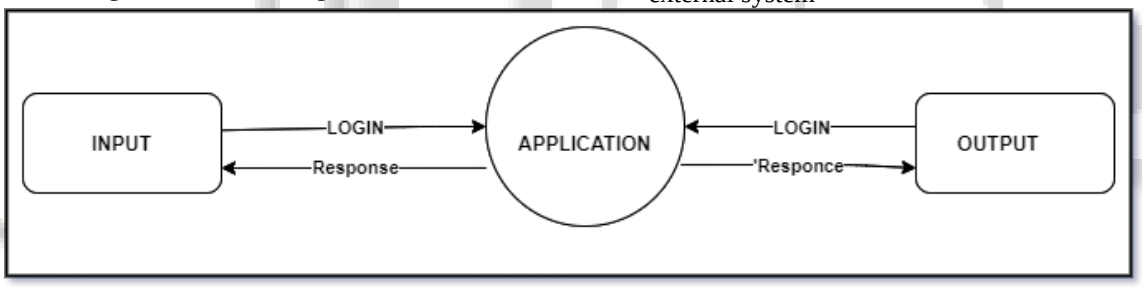


Fig. 1: User Case Diagram

IV. BACKGROUND

A use case diagram in the Unified Modeling Language (UML) is a type of behavioral diagram defined by and created from a use-case analysis. Its purpose is to present a graphical overview of the functionality provided by a system in terms of actors, their goals (represented as use cases), and any dependencies between those use cases. Use case diagrams are formally included in two modeling languages defined by the OMG: the unfied modeling language (UML) and the systems modeling language. A Use case is a description of set of sequence of actions graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor. Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do. Use case diagram consists of use cases and actors and shows the interaction between the use case and actors

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system



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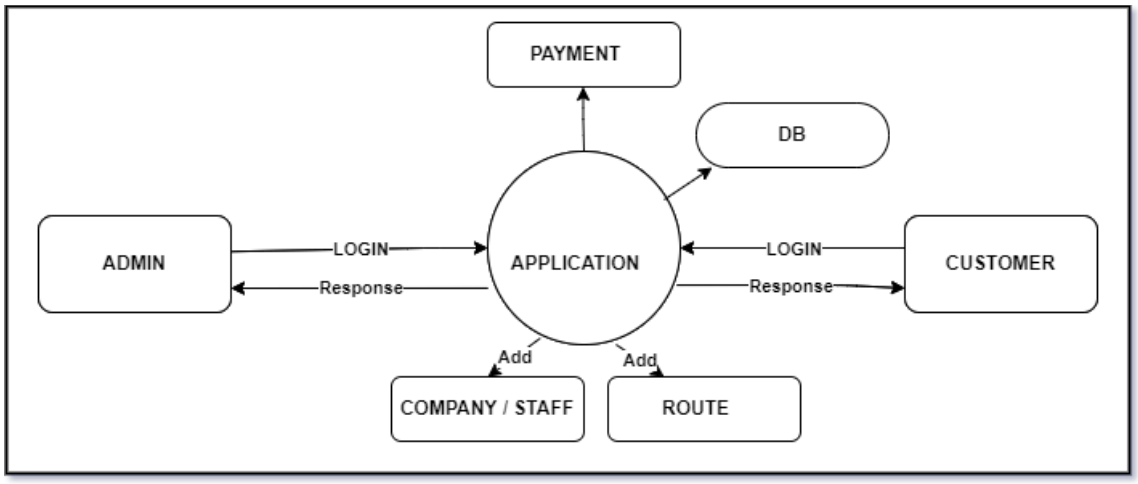

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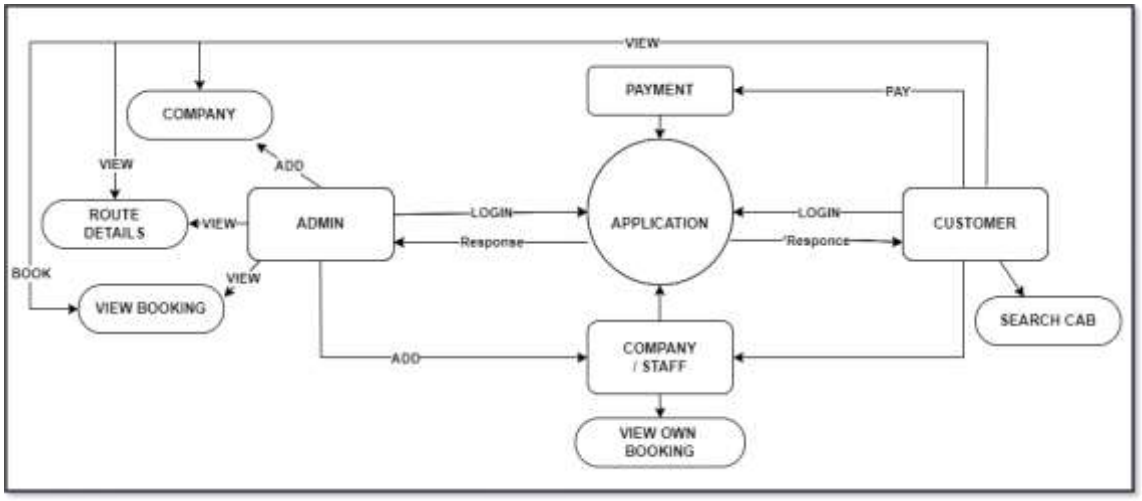
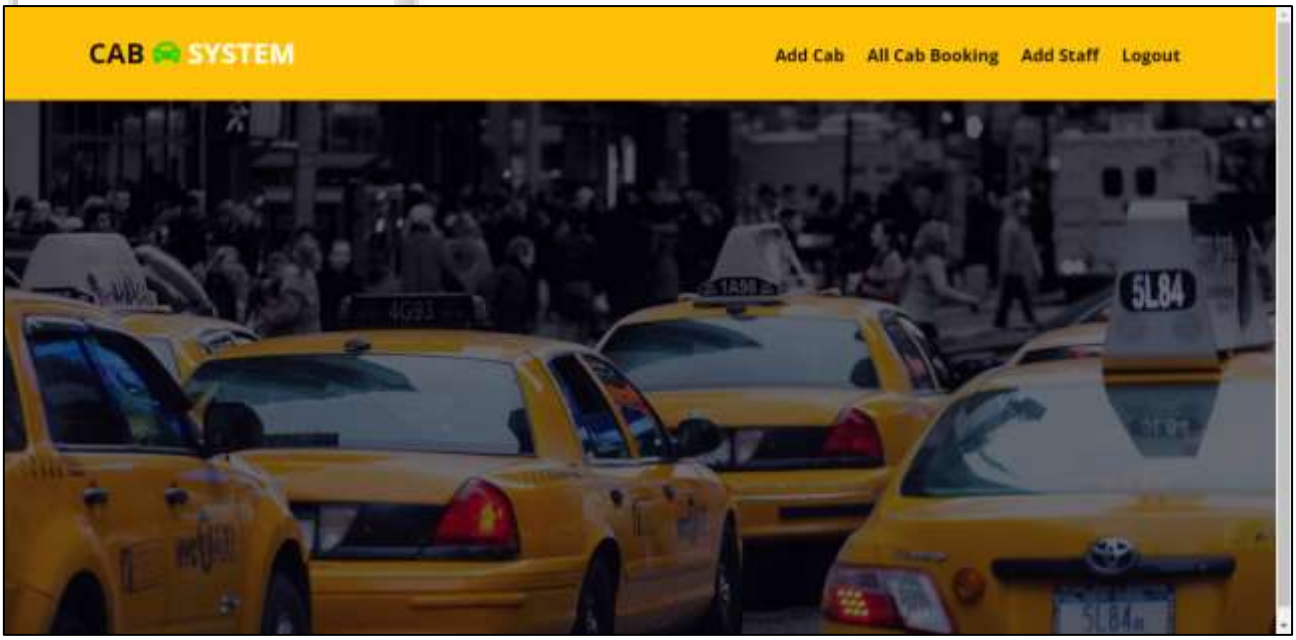


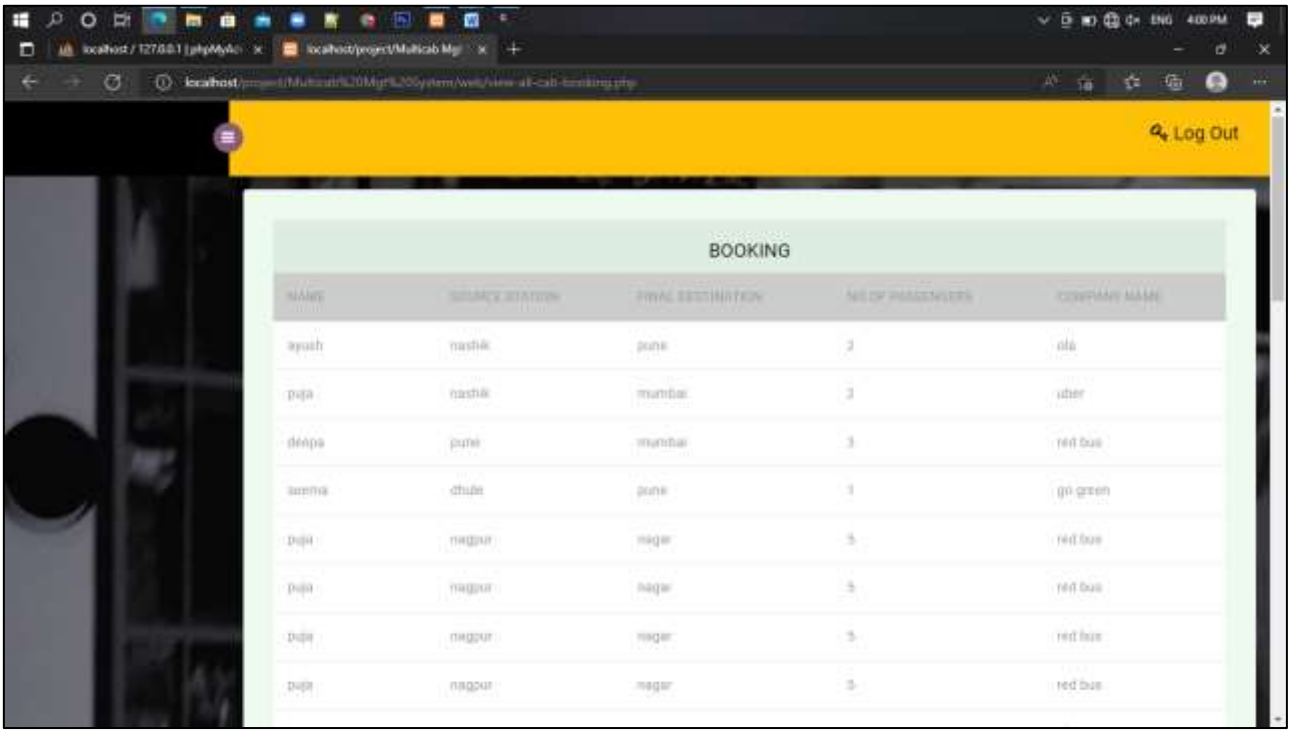
DFD level 2

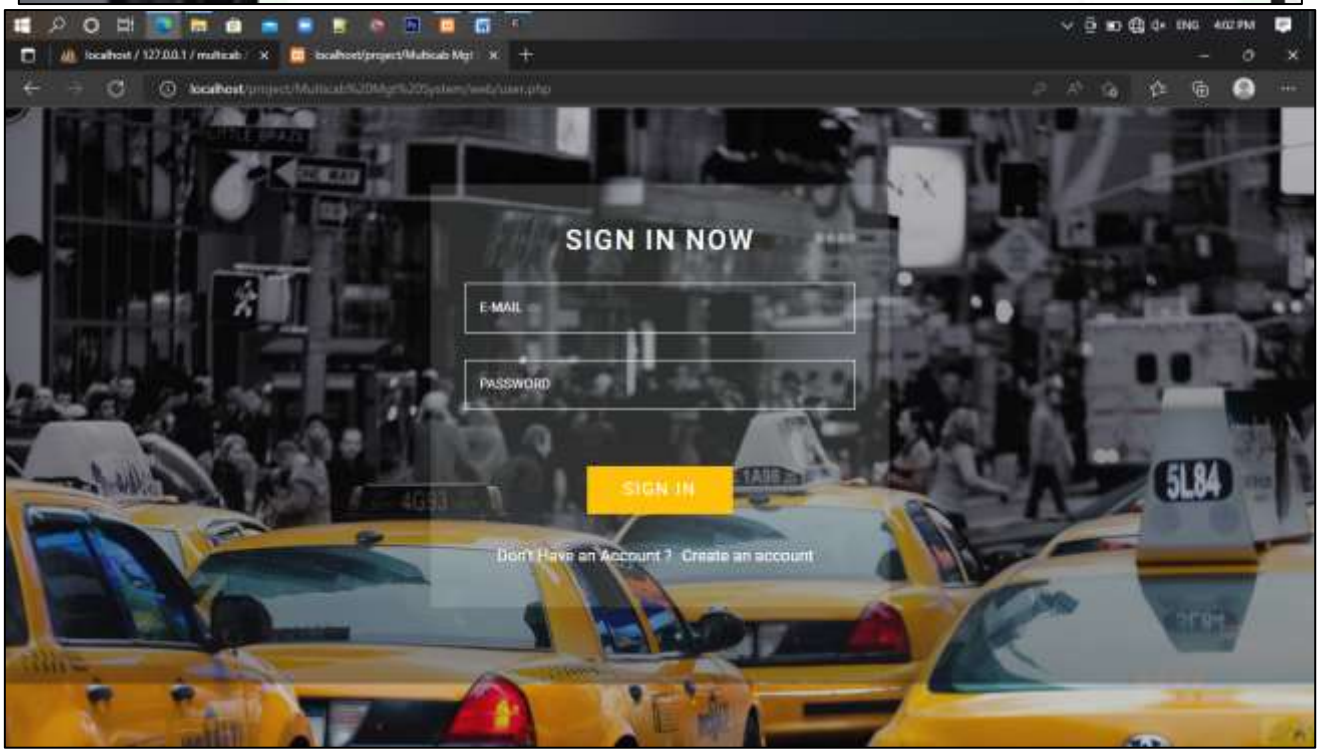
V. DISCUSSION

This project is based on PHP, HTML, MySQL. We learn the selection of element ans trigirring of action using particular selection. Error solving technic ans new concept were learned by us. First we discussed modules and diagram, then we created abstract for project finalization. Then we finalized the problem statement and created modules, like mathematical model, waterfall model, DFD, ER, User Case Diagram. Our project is to save user's time and money, so we had come up with this project called as MULTICABS. Then we tested all the cases and modules and estimated our project plan. We also refred the research paper's and finally created our project,

VI. RESULT







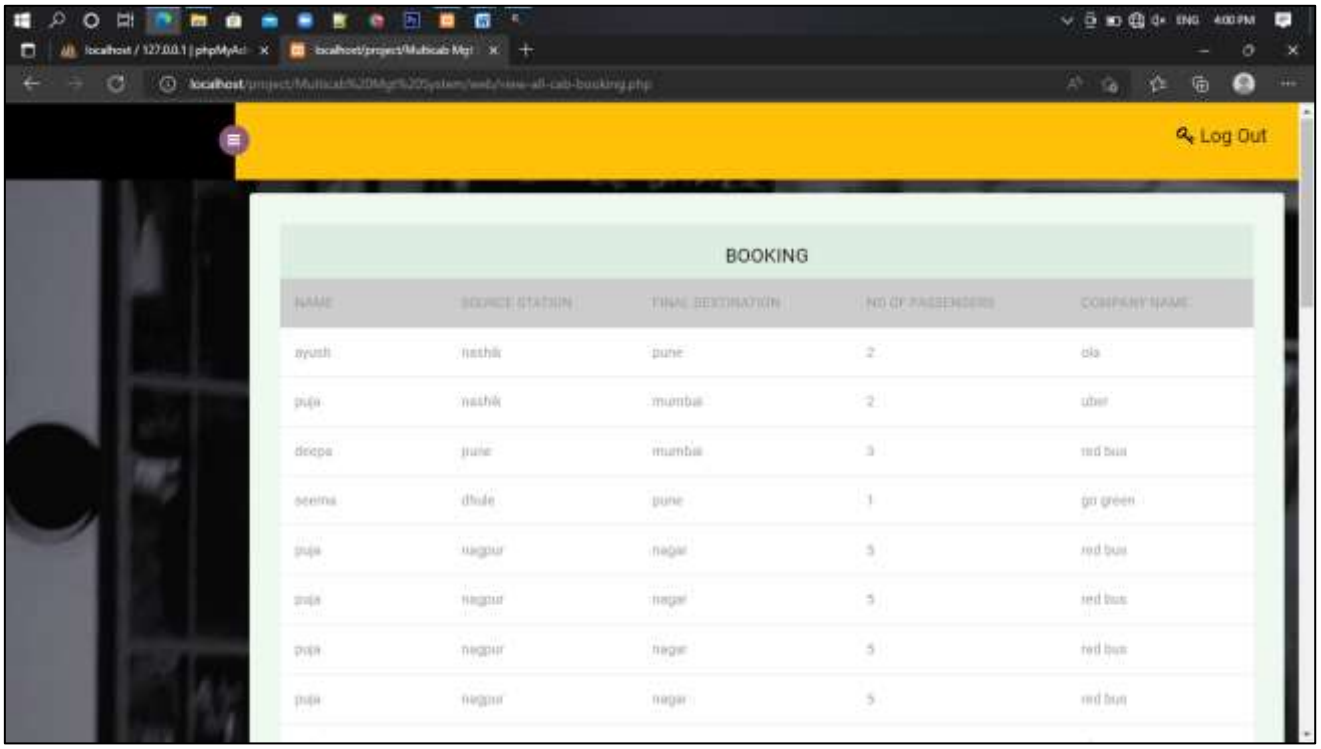


Fig. 3: Output

VII. CONCLUSION

Multicab Management system has emerged with a new goodies compared to the past experience where every activity concerning car rental business is limited to a physical location only. Even though the physical location has not been totally eradicated the nature of functions and how these functions are achieved has been reshaped by the power of internet. Nowadays, customers can reserve cars online, rent car online, and have the car brought to their door step once the customer is a registered member or go to the office to pick the car. The web based Multicab Management system has offered an advantage to both customers as well as Car Rental Company to efficiently and effectively manage the business and satisfies customers need at the click of a button. In comparison to previous experiences, when every activity related to the vehicle rental business was restricted to a physical place alone, the car rental industry has emerged with new delicacies. Even if the physical location has not been completely eliminated, the internet's power has altered the nature of functions and how these tasks are accomplished. Customers may now book vehicles online, rent automobiles online, and have the car delivered to their home if they are a registered member, or they can travel to the office to pick up the car.

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