

PROFESSIONAL TRAINING REPORT

at

Sathyabama Institute of Science and
Technology (Deemed to be University)

Submitted in partial fulfillment of requirements for the award
of Bachelor of Technology Degree in Information Technology

By-

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**DEPARTMENT OF INFORMATION
TECHNOLOGY**

SCHOOL OF COMPUTING

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

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CHENNAI – 600119, TAMILNADU

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SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the Bonafide work of **GOKUL KRISHNA.S (Reg No: 39120034)** who carried out the project entitled “**Taxi/Cab Application UI Screens**” under my supervision from February 2022 to April 2022.

Internal Guide

Dr. P. AJITHA

HEAD OF THE DEPARTMENT

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Submitted for Viva voice Examination held
on _____

Internal Examiner

External Examiner

DECLARATION

I, **GOKUL KRISSHNA** hereby declare that the project report entitled **TAXI/CAB APPLICATION UI SCREENS** done by me under the guidance of **Dr. P. Ajitha** is submitted in partial fulfillment of requirements for the award of Bachelor of Technology Degree in Information Technology.

DATE:

PLACE:

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

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TRAINING CERTIFICATE:



ABSTRACT

Taxi/Cab Application is a mobile app which is used for to Get a taxi/cab from your location to your desired destination with ease of your fingertips in your mobile for a safe, comfort, fast and on time Ride.

I, created a Taxi / Cab Application Ui Screens using FIGMA tool. Creating a clean , Informative ,Attractive User Interface of the App is very important to attract users ."RIDO" Application UI ,created using illustrations,icons,wireframes and various plugins.

Using this app ,the user may feel to use clean,innovative,Informative ,easy understandable UI.

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1.INTRODUCTION –

Online Cab Booking Management System is developed to manage all cab hiring work

online. It useful for car booking agency that are specialized in Hiring cabs to customers.

Using this system many cab-booking agencies are moving ahead to become a pioneer in the

vehicle rental industry by completely focusing on customers. Using this system, it is very

easy for customer to book a car online and cab-booking agency can also track their booking

online. So, it is also very useful for car booking agency. 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 car is free for booking and which cars are on booking at present time.

The objective and scope of my project Online Cab or Cab booking System is to record the

details various activities of user. It will simplify the task and reduce the paper work. Using

this car booking management system car owner can also become partner of car booking

agency by giving their car for booking. Online Car rental management system is a web-based

application that allow users to book a car online. From this system car rental company can

manage all car bookings and customer information. User can book cars and admin can

confirm the booking and cancel the booking on the basis of availability of the cars and

drivers. We have developed this system to produce a web-based system that allow customer

to register and reserve cab online and for the company to effectively manage their Cab hiring

business. Presently car booking agency do all work offline when a customer comes to them,

they take the booking order and call the car driver to check their availability with their car if

they manage to find a car for booking they confirm the order otherwise they cancel the order

as they have no car for the booking. This process wastes a lot of time of customer and also

of car booking agency and it also give bad name to the agency but with our system car agency

can confirm the order within a minute by checking the availability of cars for booking. So,

this car booking system is helpful to ease customer's task whenever they need to rent a cab

or hire a cab.

The proposed Online Cab Booking project 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. so as to communicate with him. Regular updates

are provided to the customer so that they are aware of their bookings, driver details, and

booking status. The user can also drop in their suggestions or queries in the feedback form.

2. PROBLEM STATEMENT –

The introduction of smartphones and the galore of apps have changed the way we led our

lives. Taxi booking apps have created a stir in how the traditional taxi business industry

worked. Famous names like Uber and Ola have already shown the way to a lucrative market

for private transportation. In 2015, Uber had one million users using it daily in over 60

different countries. In the U.S. alone, there are more than 160,000 Uber drivers – a testimony

to how popular taxi booking services could be.

You can easily build a taxi booking app for your taxi fleet. It is possible to hire an app

developer or app development company to get an app made just for you. All the required

features and functions of top-notch taxi apps are available to be customized and made into

your own app.

People must be thinking making an online taxi booking software will require an additional

software for content management. But you will be happy to know that this is not the reality.

It does not matter which platform you are developing the app for.

APIs are a great way to adapt an app to the platform. The internal settings and configurations

of the mobile app can attune the application for the device and platform it is aimed for. We

will be able to provide our requirements and add the features we want in our app. It is a great

way to make a unique app that gets everybody's attention in this competitive market.

Advantages of Cab Booking Apps

There are outstanding advantages your business, drivers, and passengers can get by using

taxi booking apps.

- ☐ Drivers do not need to drive around searching for passengers.
- ☐ Payment can be made in cashless ways, so drivers do not need to carry huge amount of cash with them.
- ☐ Unruly passengers can be identified when drivers provide negative ratings on the app
- ☐ Exact location of the passenger eliminates unnecessary time wasting

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- ☐ Cabs can be hired instantly without even going out of the home.
- ☐ Passengers can get updates on cab location and their approximate arrival time.
- ☐ Passengers find it convenient to book cabs without waiting on the road and refusal
- ☐ Taxi booking apps will help your business grow by drawing in more passengers.

The time is right for your taxi business to develop a dedicated taxi booking app for your organization. The traditional taxis are losing out in competition against the companies with

their own taxi booking app. It is really simple to get a great taxi app at an affordable price

for extending and growing your business.

3. Existing System –

This system developed under four lead entities. This Project is

based on MEAN stack Technologies.

3.1 Existing Functionality - As soon as the user launches the application, he could

come across a well-defined user guide. It covers each and every aspect of the cab booking

process, making it easy for first time users to perform core tasks. Such guides are crucial to

introduce app users to important mobile features and action process.

3.1.1 Signup Process - The basic design architecture of your application is to keep

everything simple and user friendly. The same should hold true for sign-up page. Before

using the application, it is mandatory to have a registered account with the platform. The

overall process should be minimalistic keeping in mind the mobile nature, and requests only

most critical information such as:

☐ **Name**

- ☐ **Email**
- ☐ **Password**
- ☐ **Mobile number**
- ☐ **Date of Birth**
- ☐ **Identity Number**
- ☐ **Car details (In the case of driver)**

3.1.2 User Centric Booking Process - After the completion of registration process, the users

can be taken to the main screen where they can easily pick a ride for themselves. Here are

the most noticeable points in the cab booking process:

- ☐ **Search option to enter a desired pickup location.**
- ☐ **GPS feature to detect current location.**
- ☐ **A detailed map to see their selected location.**

3.1.3 Locations saving feature

User can also select and save their favourite location which can be accessed easily. This is

beneficial in cases when you seek ride to or from a location on a regular basis.

Features related to most frequented destinations and routes will add to app usability and makes cab booking easy for riders.

3.1.4 Cab confirmation

If the user chooses to book a ride right away, then, they are shown a confirmation screen

which also has detailed information regarding the rate card and ride estimate. It also offers

users to apply for discount via coupon codes. Pick a clone script that has cab scheduling and

confirmation related features.

3.1.5 Estimated time of arrival

As per services offered in the vicinity of the user, the application should show the options of

choosing the cab along with their estimated time of arrival (ETA). This is highly beneficial

feature as the user is made aware of the time frame from very beginning.

3.1.6 Cab confirmation

If the user chooses to book a ride right away, then, they are shown a confirmation screen

which also has detailed information regarding the rate card and ride estimate. It also offers

users to apply for discount via coupon codes. Pick a clone script that has cab scheduling and

confirmation related features.

3.1.7 Transparent booking process

One of the deciding factors that would make any online cab booking service a hit among

users is the transparency in pricing. All the information related to the fares should be made available to the user in a clear manner.

3.1.8 Fare precision

The option available to the users in the form of “Ride Estimate” shows all the details related to the approximate time travel and the estimated cost to the user. Giving a clear idea of fare and pricing can help your clone score additional points.

3.1.9 Advanced booking

For users who want to book the ride for a later stage, a pop-up box can be shown, where they can select the date along with the desired time.

3.1.10 Ride details

Once the booking is confirmed, users are able to see the current location of the cab and the estimated time of arrival. Other details available are:

- ☐ Name and Phone number of the driver.
- ☐ Cab Number, Cab model name and Colour

3.1.11 Ride feedback -

After reaching the destination, user can be prompted with the screen showing the total cost and distance travelled. With the focus on user engagement, the platform can request the users

to give their feedback on the ride experience. This not only rates the driver for future

reference, but helps the company in discovering the level of customer satisfaction.

3.1.12 My Rides -

This feature shows the detailed list of all the bookings undertaken listing upcoming and well

as completed rides. This helps in keeping track of all the rides booked by the user and driver.

Admin can also view all the booking details.

3.1.13 Emergency Contact -

In order to ensure safe and hassle-free rides, the platform has provided with a security feature

in our application where users can add contact details of any person.

3.1.14 Emergency button -

Offered an emergency button in the application which sends the ride details as well as current

location to a pre-defined contact in case of emergency.

This is highly vital security feature

and can boost user confidence.

3.1.15 FAQ Section -

Online cab booking service is still in its nascent stage in India due to which users are full of

queries. A comprehensive FAQ section covering common cab booking queries exist to enhance rider experience.

3.2 NEED TO BE INTEGRATED

3.2.1 Secure payment gateways—Websites that empower online taxi bookings integrate

secure payment gateways to make sure clients don't suffer due to payment hassles. The

whole payment process can also be optimized from user experience & conversion point of

view to generate quicker bookings.

3.2.2 Social integration – Social Media features allow users to connect and share the

experience on websites like Facebook and Twitter. Online cab booking brands also use

YouTube to increase brand awareness through interactive videos.

3.2.3 Feedback option – This feature gives website users the option to connect with service

operator directly in case of any query or problem related to booking or payment.

3.2.4 Monetization feature – To create additional source of revenue, online cab hire

websites also have advertising feature. “Advertise with us” option allows industry businesses

to advertise their products & services.

3.2.5 Vehicle options – Websites that understand the unique needs of travellers also offer

the option of choosing from a wide range of cars. From ordinary to luxury, the website helps

in vehicle selection depending on user's choice and budget.

3.2.6 Autocomplete feature – Be it reservation form or search field, autocomplete is a critical

to help website visitors' complete task quickly. Without recommendations, filling lengthy

forms becomes a headache. So, this feature is a must.

3.2.7 Lost & Found option– Meru Cabs and various other service providers offer this feature

to cab users in case they accidentally leave something inside the cab.

3.2.8 Powerful search–Search on online taxi booking sites needs to be super quick. This

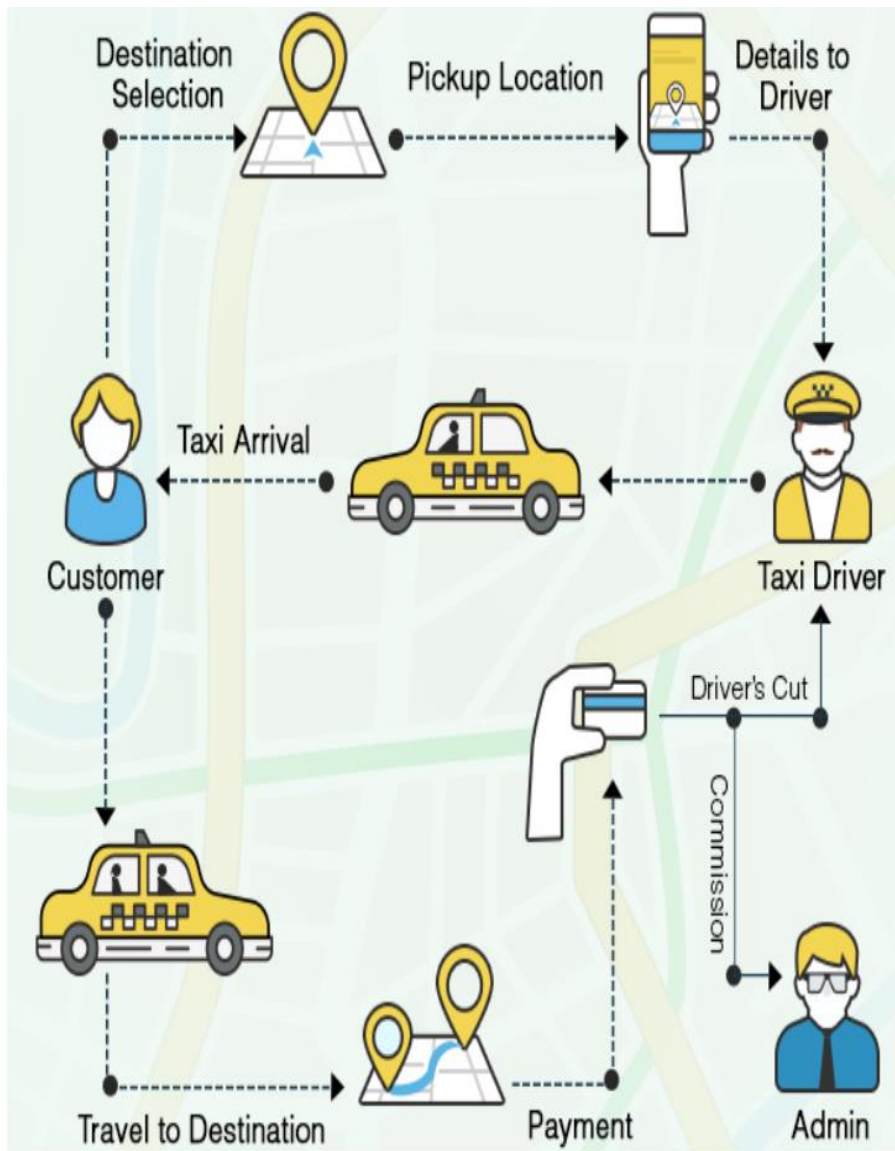
feature is critical for aggregator websites so that visitors can look for cab operators as per

their unique requirements.

3.2.9 Package comparisons– In additional to above features, websites based on aggregator

model also need features that will help cab users to compare pricing and packages from two

different service providers to select the best deal.



4.IMPLEMENTATION

Software Used to design the TAXI/CAB App Screens

: Figma

Figma is a vector graphics editor and prototyping tool which is primarily web-based, with additional offline features enabled by desktop applications for macOS and Windows. The Figma mobile app for Android and iOS allow viewing and interacting with Figma prototypes in real-time mobile devices.

Some of the Plugins Used for the Project

UNSPLASH,FLAGS,FREEPIK,GRIDMOD,MAPSICLE,
WIREFRAME etc...

5.References

Colors Styles-Figma

Free illustrations-Surface park-Figma

Inspiration - Figma