### SURVEY ON FOOD DELIVERY APP BEING USED BY PEOPLE

# A Community Service Project Report Submitted to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR

### Submitted By

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Project report submitted in partial fulfillment of the requirements

for the award of the degree of

**BACHELOR OF TECHNOLOGY** 

IN

COMPUTER SCIENCE AND ENGINEERING (AI&ML)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&ML)

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY

A Unit of USHODAYA EDUCATIONAL SOCIETY Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Anantapur

NAAC 'A' Grade Accredited Institution, An ISO 9001:2015 certified Institution

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### **BONAFIDE CERTIFICATE**

This is to certify that the project work entitled "SURVEY ON FOOD DELIVERY APPS BEING USEDBY PEOPLE" is a bona fide record done By CH. NIKHITHA (222U1A3320), G. HANEESHA (222U1A3340), M. THARUNYA (222U1A3360), E. HIMAPRIYA (222U1A3330) in the Department of ComputerScience & Engineering (AI&ML), Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B. Tech degree in Computer Science & Engineering (AI&ML). This work has been carried out under my supervision.

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Submitted for the Viva-Voce Examination held on

Internal Examiner External Examiner

### **DECLARATION**

I, hereby declare that this Community Service Project report titled "SURVEY ON FOOD DELIVERY APPS BEING USED BY PEOPLE" has been done by me. The work carried out is original and has not been submitted to any other University or Institution for the award of any credits.

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### ACKNOWLEDGEMENTS

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### **ABSTRACT**

The main objective of the project is to conduct a survey to identify the number of people using online food services in a particular area. The area selected for conducting is Pinakini Avenue, Ramji Nagar in SPSR Nellore District. The purpose of this research is to find consumer behaviour towards Food Delivery Apps. The study shows most preferred app used by consumer to order food online and factors leading to us consider it the most preferable app. There are many factors related to customer's ordering behaviour- like price, on time delivery, packaging, peer service provider behaviour, platform design etc. There is gradual shift in way people order food. The purpose of this research is to know what are factors that defines consumer's perception and to find most popular app in the food delivery industry. The mobile application era has thrown open a new pathway for today's marketing. The mobile application has made all traditional models of business outdated and generated amazing new possibilities in business. Mobile application is a combination of marketing acumen and technology – uses the Internet as a medium to advertise and sell services and goods. Today, more people are getting connected through mobile application and they are ready to trade through it. It also affects the operation of companies and organizations. Companies have changed their traditional business strategies into online marketing to suit customer needs and taste at any time. This research paper aims to discuss the consumer's perception towards the online food ordering and delivery services in Pune. The survey was conducted for a purposeful analysis of the study on around 153 respondents. The research is focused on the study and analysis of data collected from all those users who are already using the online food delivery services. The purpose is to know what are the influencing factors, their perceptions, needs, positioning of various attributes of different online portals in their 4mind and overall satisfaction towards online food delivery services. To achieve the objective, data from different areas of Pune have been collected and also visited restaurants to know their point of view. Four parameters are taken under consideration for analysis using positioning study

### INTRODUCTION

Consumer perception on food apps" where the objectives of this research is to examine the consumer perception on food apps and to analyse the factors that influences consumer perception towards food apps. To understand the research more deeper, a survey method was conducted where a questionnaire was sent to all segments of people like age, gender and income and the questionnaire was designed on the basis of TAM model. A T-Test analysis was also undertaken to give a better interpretation about this study and an overall conclusion is given regarding the learning from this research about how people perceived food apps, how could this research could be done better and what learnings did the researcher learned during this research project.

Key words:-Consumer Perception, Zomato, Swiggy, Food apps, Digital Payments, Consumer Buying Behavior, Business 1. Introduction Zomato is one of the leading online food delivery services, and recently, it acquired UberEATS for around \$350 million. This resulted in capturing nearly 50-55% of the market share in terms of numbers of orders, getting ahead of their closest competitor Swiggy (E Tech. 2020). Swiggy started in 2014, and made a late entry into a vast market, and the only competition was Zomato, which was the leader of the food tech industry. Within 4 years, Swiggy has joined an elite list of start-ups, and their competition with Zomato is so severe and intense at present that the latter is investing in hundreds of crores to catch up with Swiggy (Live mint, 2020).

Since the merger of Zomato and UberEATS, there is an expectation that the market share is going to reach between 50-55% on the basis of current numbers thus overtaking Swiggy. Overall, the competition between Swiggy and Zomato has been intense, but Swiggy is at the top with the highest repeat order rates, and it's the customer's favourite app to order from. According to a stat, about 90% of consumers choose only Swiggy (E Tech, 2020). The Indian online food industry is expected to grow up to \$12.3 billion by 2023. The global growth is 9.01%, the online food delivery market in India is growing at a rate of 15%. Swiggy has sales of \$1.5 billion, whereas Zomato is at sales of \$800 million. Jointly both the companies have 9 delivered 96 million orders from April 2017 to March 2018. (Visakhapatnam News, 2020). The diversity of applications including food apps, has become very important for the business to innovate and enthral existing consumers. There is little evidence about how the internet and mobile technology has supported consumers in meeting their daily demands by using a display to order from their preferred restaurants. The importance of this research is that it defines consumers' attitudes towards the utilizing of food apps, and how these apps have built-in purchasing, planning, and socially enjoying meals and snacks (Levin, Heath, and LeVangie, 2015). The increase in income of the family members, changing lifestyle and eating patterns have to lead to an increase in market growth.

### Over view of food delivery apps

### 1. Zomato:

- > Zomato is a popular online food ordering and restaurant discovery platform. It was founded in 2008 and is based in India. Zomato provides a range of services related to food, including restaurant search, discovery, ordering and delivery, and reviews and ratings.
- ➤ With Zomato, users can search for restaurants based on location, cuisine, ratings, and price range. They can also view menus, photos, and reviews of each restaurant to make informed decisions about where to dine. Users can also order food directly from the platform and track the delivery status in real-time.
- ➤ In addition to its consumer-facing services, Zomato also provides a range of tools and services for restaurants. These include online ordering systems, table reservations, and marketing tools to help restaurants reach a larger audience.
- > Zomato has expanded globally and is now available in over 25 countries, including the United States, United Kingdom, Australia, and Canada. The company has also diversified into other areas, such as grocery delivery and online event booking

### 2. Swiggy:

- ➤ It is India's largest online food ordering and delivery platform. Founded in July 2014, Swiggy is based in Bangalore and operates in 500 Indian cities as of September 2021. Swiggy was founded by BITS Pilani graduates Nandan Reddy and Sriharsha Majety, who had the brilliant idea of changing the way India eats through hyperlocal food delivery.
- They saw an untapped gap between food ordering and delivery in India and decided to make an indelible mark there. Swiggy's business model is based on bridging that very gap. As revolutionary as this idea was, they wanted
- ➤ Swiggy is the apex of Bundle Technologies, the previous venture of these two geniuses. It's been quite a journey from an abstract idea to over 5 lakh mobile app installations for Swiggy.
- ➤ Now that we had discussed what is Swiggy and when and by whom it was founded, let's move to the next part of the story. Let us dive deep into how Swiggy works.

- ➤ Let us dwell deep into Swiggy's business model to understand better what is Swiggy and what model it is made to function.
- ➤ Apps Rhino offers the best Tech-driven solutions for Home services, Laundry delivery, Alcohol delivery, Grocery Delivery, On-demand Cannabis, and Taxi Services:

# $\frac{\text{QUESTIONNAIRE}}{\text{Survey on FOOD DELIVERY APPS AND THEIR SERVICE}}$

Personal Information:
Name:
Age:
Mobile Number:
Food delivery app Information:
Which Food delivery app are you currently using?
- [] Zomato
-[] Swiggy
-[] Dominos
- [ ] Others
Service:
How would you rate the food delivery app service in your area?
-[] Excellent
-[]Good
-[]Average
- [ ] Bad
Most ordered food:
What is Most ordered food item for a week?

Signature

Thank you for taking the time to complete this survey!

Your feedback is valuable and will contribute to our understanding of mobile connectivity experience

## **SURVEY DATA**

S.NO	NAME	MOBILE NUMBER	APP USED	DELIVERY	MOST ORDERED
1.	M-Venkate shazulu	8985874434	Swiggy	Good	Biriyani
2.	M. Sudhakar Rao	9502574246	SWiggy	Good	Biriyani
3.	o. Avunamma	9441004133	Swiggy	Good	Biriyani
ц.	V. Penchala Reddy	8072573032	Swiggy	Grood	Noodles
5.	N. Nirmala	9866921681	Swiggy	Bad	Biriyani
G.	U.Siva	8374777080	zomato	Good	Biriyani
7.	K.Ravi	9160824233	Swiggy	Good	Biriyani
8.	R.Srihari	7989291269	zomato	Good	Friedrice
q.	P. Vinod	9959838901	zomato	Bad	Friedrice
10.	G. Lavanya	6281824243	zomato	Bad	Friedrice.
12.	P. Thrivikram	9 000592 331	Swiggy	Good	Biriyani
19	M.SHamli	9010467861	Zomato	Bad	Biriyani
19.	S. Svidhay	9704969534	zoma Ło	G100 c	Noodles
14	K. Ruthwik	7337327631	zomato	G 00 d	Noodles
16	y-venuteja	98666 78632	zomato	G100 d	Dosa
16-	P. Megharia	8309474277	Swiggy	Good	Noodles
17.	K. sameera	6304885393	Swiggy	Good	Noodles
18.	y. Rojesh	8328443979	zoma to	Good	Biriyan;
19.	MD. Bahir	9966778123	zomato	89 d	Biriyani
20-	SK. Avesha	9490022770	Swiggy	Good	Biriyani
2].	E. Himapriya	9346209194	Swiggy	Good	Dosa
22.	M.Tharunya	7989160440	Swiggy	Good	Biziyani
23.	G. Haneesha	9949914099	Swiggy	Good	Dosa
24.	CH-Nikhitha	996323772	Swiggy	Good	Friedrice
25.	E. Bha Vani	9347029209	Swiggy	Good	Dosa
26.	M. Suneetha	9957684040	Swiggy	Good	Noodles
27.	G. sandhya	9030514558	Swiggy	GBad	Biriyani
28.	CH .Sreevani	9515302498	zomato	Bad	Biriyani
29.	E. Bhaskar	9912230618	zomato	0700	Biriyan;
50.	M. Rambabu	8185857431	zomato	Good	Biriyani
31.	CH-Niranjan	6381140583	zomato	Bad	icecream
32.	G1.SUTEShkumar		Swiggy	Crood	Biriyani
33.	CH.Rameswararao	9989773187	Zomato	Bad	Biriyani

S.NO	NAME	MOBILE NUMBER	APP USED	DELIVERY	MOST ORDERED ITEM
34.	P.Podma	9848584166	zomato	Bad	Mostin
35.	D. suresh	871221118	Swiggy	Bad	Icecream
36	S. Sivakumar	8096730369	swiggy	Good	Biriyani
37	C. Himakumazi	9642654116	swiggy	G00 d	Biriyani
38	P. Ajay	9492973075	Swiggy	Good	Dosa
39.	M.Kalpana	9848427941	swiggy	Bal	Biziyani
40.	kv. Karthik	9502243646	Zomato	Good	Tecream
41.	B. Bindhu	70/34499/3	zomato	Grood	Biriyanı
42.	N.Parmeela	9492714162	Swiggy	Good	Friedrice
43.	R. Padma	8074382815	Zomato	Good	Friedrice
44.	A. Marini	9440708314	zomato	Bad	Friedrice
45.	G. Sheshu	8919954345	zomato	Grood	Biriyani
46.	Rinimala	8688971959	Swiggy	Good	Biriyani
47.	0.Ayun	7993771944	Swiggy	Good	Noodles
48.	K-Radhika	9505726835	Swiggy	Good	Biriyani
49.	T. Nirmala	9949156222	Swiggy	Bad	Icecream
50.	T. Vasodha.	8985222784	Swiggy	0,00 d	Biriyani

S.I. NO	NAME	MOBILE NUMBER	AADHAR NUMBER	ADDRESS	SIGNATURE
1.	M. Venkateswarulu	898574434	422776363389	Ramji Nagar, Swetha Sowdham	M. Lentrals
2.	M. Sudhakar Rao	9502574246	555281838130	Ramii Nagay, swetha	M. Sun Re
3.	0.Arunamma	9441004133	249555309722	Ramji Nagar, swetha	O. Armanna
4	V-Penchala Reddy	8072573032	745400574859	RamjiNagar, Swetha Sowdham	D. Penchale Cel
5.	N-Nirmala	9866921681	854170092417	Ramiinagar, swetha	N. Niveruetes
6.	U.Siva	8374777080	804286871308	Ramifnagar, swetha	Udira
7,	K. Ravi	9160824233	351833955439	Ramiinagar, swetha	K.Rawy
8.	R. Srihari	7989291269	808051508911	Ramiinagar, swetha	Q8/11
9.	P. Vinod	9959838901	523354607005	Ramiinagar, swetha	P. Vinode.
10	G. La Vanya	6281824243	711449845616	Ramiji Nagar, swetha	Cararyo
11.	P.Thrivikram	9000592331	527615477300	Ramjinagar, Swetha	P. Thrond
12.	M.Shamli	9010467861	220167468240	Ramji Nagar, Swetha.	MShouille
13.	S. Sridhar	97049 69 534	901909153645	Ramjinagar, swetha	Snidher
14.	K. Ruthwik	7337327631	628334482280	0-49-100-41	L. Rultmile
15.	y.venoteja	9866678632	441042092943	Ramjinagar, Swetha	V. venureja
16.	P.Meghana	8309474277	283860677406	Ramji Nagar, Swetha	
17.	K.sameera	6304885393	987611810021	Ramiinagar, swetho	
	y. Rajesh	8328443979	993716823812	Ramjinagar, swetha sowdham	10
19.	MD. Bahir	9966778123	631658411437	Ramjingar, swetha	MD. R. Box
	SK. Avesh	9490022770	292566173976	Ramfi Nagar, swetta	
21.		9346209194	398631802988	Sowdham Ramjinggor, swetha	E-Himapriya
22.	M. Tharunya	7989160440	436637112937	Sowdham. Ramji Nagar, Pavani	M. Havarra
-		9949914099	527864186144	Supreme Aportmen Ramjinagar, pavani	C +1000
		996323772	828338107211	supreme Apartment Ramjintagar, pavani Supreme Apartments	CHE DANGE
25.		9347029209	42249 3604419	Ramjinagar, Pavani Supreme Aparthments	r playon
26.	NAME OF TAXABLE PARTY.	9957684040.	33 22 8 72 49807	Ramjinagol, Pavani Supreme Aportments	Menty

27.	G. Sandhya	9030514 558	455251904958	Ramji Nagar, Pavani Supreme Apartments G-sandhya
28.	CH. Sreevani	9515302498	985815485979	Ramjinagar, pavani Supreme Apartments Ch. Societa
29,	E.Bhaskar	9912230618	788750759796	Ramijinagar, pavani E. Rus:
30.	M-Rambabu	8185857431	409573931246	Ramijinggar, pavani supreme Apartments M. RACRISHI
31.	CH · Nivanjan	6381140683	308042534505	Ramjinagar, pavani supreme Apartments (H.N. inanjaun
32.	G. Sureshkumar	63095  8548.	930640341444	Ramfinagar, pavani Supreme Apartments Gr. Suxesia
33.	CH.Rameswararao		555281838130	Ramjinagar, Pavani Supreme Apartments Chall
34.	P.Padma	9848584166	804286871308	Ramjinagar, pavani Supreme Aportments P. Padma
35.	D.suresh	8712211118	351833955439	Ramjinagari, Pavani supreme Appartments Susses
36.	S-Sivakumar	8096730369	808051508913	Ramii Nagari, Pavani supreme Aposit ments s.20
37.	C. Himakumari	9642654116	441042092943	Ramiji Nagori Pavani Supreme Apartments Chiado
38-	P. Ajay	9492973075	283860677406	Ramiji Nagari, Pavani Supreme Apartments Livy
39-	M.Kalpana	9848427941	987611810021	Ramii Nagari, Pavani supreme Apartments M. Kalpara
40	kv.Karthik	9502243646	993716823812	Rainjinagar; Pavoni Supreme Apartment L. Furthit
41.	B. Bindhu	7013449913	82 8344107214	Rainfinager, Pavani supreme Apartments S. Birelu
42.	N. Parmeela	9492724162	315363292041	Ramjingoz, Pavani Supreme Apostment N. Pasmella
43.	R. Padma	8074382815	936014444034	Ramiji Negot Pavani Supreme Apartments R: Padora
44.	A. Harini	9440708314	641052786144	Ramjinagar, Pavani supreme Apantments A fless Ramjinagar Pavani
45.	G. Sheshu	8919954345	88087674 60683	Ramijingou Pavani supreme Apartments Gr. Shukal
46.	R.Nirmala	8688971959	407959312646	Ramji Nagar, Pavani Supreme Apontments R. Mismel
47,	0. Arun	7993771944	637143662937	supyeme Apartments O. Agrum
48.	K-Radhika	9505726835	39631808 8986	Ramjinogar, Paveni supreme Apartments K. Roulle
49.	T. Nirmala	9949156222	4224 49603414	Ramji Nagar, pavani supreme Apartments va Misemale
50	T. yasodha	8985222784.	441062244083	

## **INFERENCE FROM SURVEY DATA**

O Total number of people participated in the survey :50

### Online food delivery apps:

- o Total number of people using Swiggy: 29
- o Total number of people using Zomato: 21

### **Delivery Service:**

- O No. of people opinion is good: 37
- O No. of people opinion is bad: 13

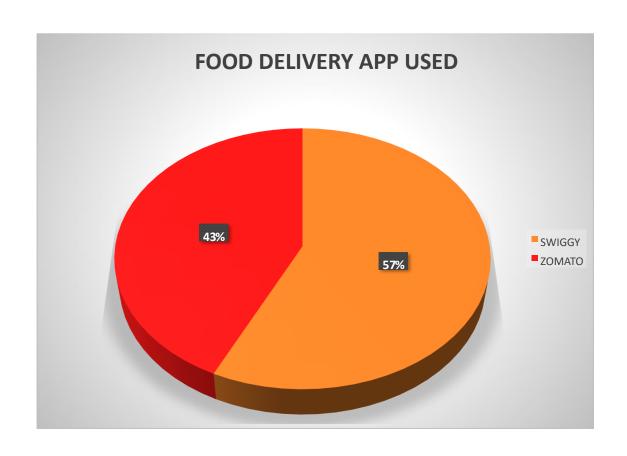
### **Most ordered food:**

- o No. of people ordered biryani: 26
- o No. of people ordered dosa: 5
- o No. of people ordered fried rice: 7
- O No. of people ordered ice cream: 5
- o No. of people ordered noodles: 7

## **GRAPHS**

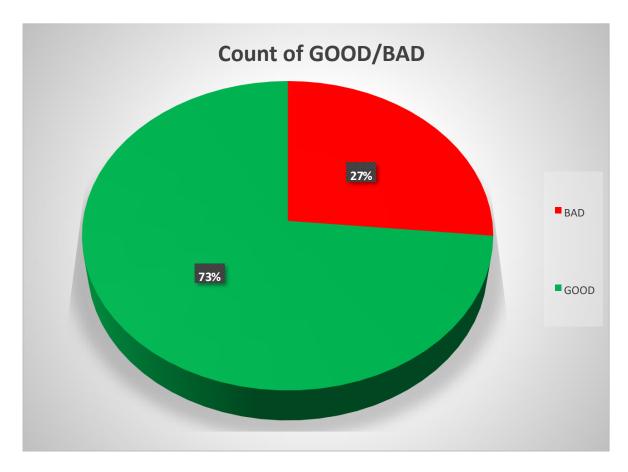
## ONLINE FOOD DELIVERY APPS

S.NO	Options	No. of Respondents	Percentages
1.	Swiggy	29	57%
2.	Zomato	21	43%
	TOTAL	50	100%



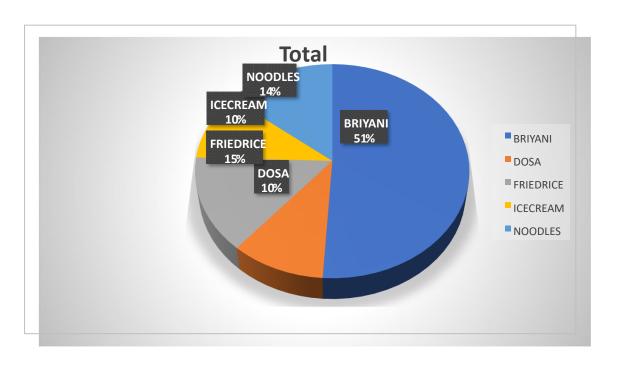
## **DELIVERY SERVICES**

S.NO	Options	No. of Respondents	Percentage
1.	Good	37	73%
2.	Bad	13	27%
	TOTAL	50	100%



## MOST ORDERED FOOD

s.no	options	No. of Respondents	Percentage
1	Biryani	26	51%
2	Dosa	5	10%
3	Fried Rice	7	14%
4	Ice cream	5	10%
5	Noodles	7	14%
	TOTAL	50	100%



### **IMPLEMENTATION**

```
<!DOCTYPE html>
<html>
 <body>
<style>
body, html {
height: 100%;
 margin: 0;
 font-family: Arial;
.tablink {
 background-color: #555;
 color: white;
 float: left;
 border: none;
 outline: none;
 cursor: pointer;
padding: 14px 16px;
 font-size: 17px;
 width: 25%;
.tablink:hover {
background-color: #777;
.tabcontent {
color: whitesmoke;
 display: none;
 padding: 100px 20px;
 height: 100%;
}
h1{
 text-align: center;
 color: black;
#Home {background-color:orange;}
#Introduction {background-color: green;}
#Abstract {background-color: rgb(97, 7, 7);}
#data {background-color: white;}
#Graphs {background-color:whitesmoke;}
```

```
#queries {background-color: orange;}
#usuage {background-color: orange;}
#Contact {background-color: tomato;}
.centerImage {
 display: block;
 margin-left: auto;
 margin-right: auto;
</style>
<script>
function openPage(pageName, elmnt, color) {
 // Hide all elements with class="tabcontent" by default */
 var i, tabcontent, tablinks;
 tabcontent = document.getElementsByClassName("tabcontent");
 for (i = 0; i < tabcontent.length; i++) {
  tabcontent[i].style.display = "none";
 }
 // Remove the background color of all tablinks/buttons
 tablinks = document.getElementsByClassName("tablink");
 for (i = 0; i < tablinks.length; i++) {
  tablinks[i].style.backgroundColor = "";
 }
 // Show the specific tab content
 document.getElementById(pageName).style.display = "block";
 document.getElementById("myBtn").style.height = "50px";
 // Add the specific color to the button used to open the tab content
 elmnt.style.backgroundColor = color;
}
// Get the element with id="defaultOpen" and click on it
document.getElementById("defaultOpen").click();
</script>
<html>
 <body>
  <img src="C:\Users\Tharunya\Downloads\gist logo.jpg" class="centerImage"/>
  <u> <b><h1>GEETHANJALI INSTITUTE OF SCIENCE AND
TECHNOLOGY</h1><br/><br/><br/><br/></b>
<button class="tablink" onclick="openPage('Home', this, 'orange')">Home</button>
```

```
<button class="tablink" onclick="openPage('Introduction', this, 'green')"
id="defaultOpen">Introduction</button>
<button class="tablink" onclick="openPage('Abstract', this, 'rgb(97, 7, 7)')">Abstract</button>
<button class="tablink" onclick="openPage('data', this, 'white')">data</button>
<button class="tablink" onclick="openPage('Graphs', this, 'orange')">Graphs</button>
<button class="tablink" onclick="openPage('queries', this, 'orange')">queries</button>
<button class="tablink" onclick="openPage('usuage', this, 'orange')">usuage</button>
<button class="tablink" onclick="openPage('Contact', this, 'tomato')">Contact</button>
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<i><h1 text-align="center"> ... SURVEY ON FOOD DELIVARY APPS BEING USED BY PEOPLE...</h1></i>

<h2> welcome to our community service project. This is the project regarding on online food services where this the survey tells us about how many people are using thiese online food services. As being the students of 2 nd btech from GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY </hd></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>

</div>

<div id="Introduction" class="tabcontent">
 <u><h2>Introduction</h2></u>

<h3>Consumer perception on food apps" where the objectives of this research is to examine the consumer perception on food apps and to analyse the factors that influences consumer perception towards food apps. To understand the research more deeper, a survey method was conducted where a questionnaire was sent to all segments of people like age, gender and income and the questionnaire was designed on the basis of TAM model. A T-Test analysis was also undertaken to give a better interpretation about this study and an overall conclusion is given regarding the learning from this research about how people perceived food apps, how could this research could be done better and what learnings did the researcher learned during this research project.

Key words: Consumer Perception, Zomato, Swiggy, Food apps, Digital Payments, Consumer Buying Behavior, Business Introduction Zomato is one of the leading online food delivery services, and recently, it acquired UberEATS for around \$350 million. This resulted in capturing nearly 50-55% of the market share in terms of numbers of orders, getting ahead of their closest competitor Swiggy (E Tech. 2020). Swiggy started in 2014, and made a late entry into a vast market, and the only competition was Zomato, which was the leader of the food tech industry. Within 4 years, Swiggy has joined an elite list of start-ups, and their competition with Zomato is so severe and intense at present that the latter is investing in hundreds of crores to catch up with Swiggy (Live mint, 2020).

Since the merger of Zomato and UberEATS, there is an expectation that the market share is going to reach between 50-55% on the basis of current numbers thus overtaking Swiggy. Overall, the competition between Swiggy and Zomato has been intense, but Swiggy is at the top with the highest repeat order rates, and it's the customer's favourite app to order from. According to a stat, about 90% of consumers choose only Swiggy (E Tech, 2020). The Indian online food industry is expected to grow up to \$12.3 billion by 2023. The global growth is 9.01%, the online food delivery market in India is growing at a rate of 15%. Swiggy has sales of \$1.5 billion, whereas Zomato is at sales of \$800 million. Jointly both the companies have 9 delivered 96 million orders from April 2017 to March 2018. (Visakhapatnam News, 2020). The diversity of applications including food apps, has become very important for the business to innovate and enthral existing consumers. There is little evidence about how the internet and mobile technology has supported consumers in meeting their daily demands by using a display to order from their preferred restaurants. The importance of this research is that it defines consumers' attitudes towards the utilizing of food apps, and how these apps have built-in purchasing, planning, and socially

enjoying meals and snacks (Levin, Heath, and LeVangie, 2015). The increase in income of the family members, changing lifestyle and eating patterns have to lead to an increase in market growth.

Over view of food delivery apps

- 1. Zomato:
- ➤ Zomato is a popular online food ordering and restaurant discovery platform. It was founded in 2008 and is based in India. Zomato provides a range of services related to food, including restaurant search, discovery, ordering and delivery, and reviews and ratings.
- ➤ With Zomato, users can search for restaurants based on location, cuisine, ratings, and price range. They can also view menus, photos, and reviews of each restaurant to make informed decisions about where to dine. Users can also order food directly from the platform and track the delivery status in real-time.
- ➤ In addition to its consumer-facing services, Zomato also provides a range of tools and services for restaurants. These include online ordering systems, table reservations, and marketing tools to help restaurants reach a larger audience.
- > Zomato has expanded globally and is now available in over 25 countries, including the United States, United Kingdom, Australia, and Canada. The company has also diversified into other areas, such as grocery delivery and online event booking

10

- 2. Swiggy:
- ➤ It is India's largest online food ordering and delivery platform. Founded in July 2014, Swiggy is based in Bangalore and operates in 500 Indian cities as of September 2021. Swiggy was founded by BITS Pilani graduates Nandan Reddy and Sriharsha Majety, who had the brilliant idea of changing the way India eats through hyperlocal food delivery.
- ➤ They saw an untapped gap between food ordering and delivery in India and decided to make an indelible mark there. Swiggy's business model is based on bridging that very gap. As revolutionary as this idea was, they wanted
- ➤ Swiggy is the apex of Bundle Technologies, the previous venture of these two geniuses. It's been quite a journey from an abstract idea to over 5 lakh mobile app installations for Swiggy.
- ➤ Now that we had discussed what is Swiggy and when and by whom it was founded, let's move to the next part of the story. Let us dive deep into how Swiggy works.
- ➤ Let us dwell deep into Swiggy's business model to understand better what is Swiggy and what model it is made to function.

```
></h3>
</div>
<div id="Abstract" class="tabcontent">
<u> <h2>Abstract</h2></u>
 <h3>. The main objective of the project is to conduct a survey to identify the
  number of people using online food services in a particular area. The
  area selected for conducting is Pinakini Avenue, Ramji Nagar in SPSR
  Nellore District. The purpose of this research is to find consumer behaviour
  towards Food Delivery Apps. The study shows most preferred app used
  by consumer to order food online and factors leading to us consider it
  the most preferable app. There are many factors related to customer's
  ordering behaviour- like price, on time delivery, packaging, peer service
  provider behaviour, platform design etc. There is gradual shift in way
  people order food. The purpose of this research is to know what are
  factors that defines consumer's perception and to find most popular
  app in the food delivery industry. The mobile application era has thrown open a new pathway for
   today's marketing. The mobile application has made all traditional
   models of business outdated and generated amazing new possibilities
   in business. Mobile application is a combination of marketing acumen
   and technology – uses the Internet as a medium to advertise and sell
   services and goods. Today, more people are getting connected
   through mobile application and they are ready to trade through it. It
   also affects the operation of companies and organizations. Companies
   have changed their traditional business strategies into online marketing
   to suit customer needs and taste at any time. This research paper aims
   to discuss the consumer's perception towards the online food ordering
   and delivery services in Pune. The survey was conducted for a
   purposeful analysis of the study on around 153 respondents. The
   research is focused on the study and analysis of data collected from all
   those users who are already using the online food delivery services. The
   purpose is to know what are the influencing factors, their perceptions,
   needs, positioning of various attributes of different online portals in
   their 4mind and overall satisfaction towards online food delivery
   services. To achieve the objective, data from different areas of Pune
   have been collected and also visited restaurants to know their point of
   view. Four parameters are taken under consideration for analysis using positioning study.
</div>
<div id="data" class="tabcontent"><br/><br/>
<h1>survey data</h1><br/>
 S.no
 Name
mobile no
App used
delivery services
```

```
Most ordered items
1
Venkateswarlu
8984857704
Swiggy
good
Biriyani
2
 M.Sukihaka Rao 
9502574246 
Swiggy
good
Biriyani
3
 o.Arunamma
9441004133 
Swiggy
good
Biriyani
4
 V. Penchala Reddy 
8072573032 
Swiggy
<td width="100">good
Noodles
5
 N. Nirmala 
9866921681 
Swiggy
bad
biriyani
6
 U.Siva 
8374777080 
Zomato
```

```
good
biriyani
7
 K-Ravi 
9160824233 
swiggy 
<td width="100">good
biriyani
8
 R.Srihari 
 7989291269
Zomato 
good
fried rice
9
 p.vinod 
 9959838901 
Zomato 
good
fried rice
10
 G. Lavanya 
 6281824243 
Zomato 
bad
fried rice
11
p..Thrivikram 
 9000592931 
Swiggy 
good
biriyani
12
M.SHarmli 
 9010467861 
Zomato 
bad
```

```
biriyani
13
S. Sridhar 
 9704969534 
Zomato 
Good
Noodles
14
K. Ruthwik 
 7337327631 
Zomato 
Good
Noodles
15
 Y-venuteja 
 9866678632 
Zomato 
Good
Dosa
16
 P. Meghana 
 8309474277 
Swiggy 
Good
Noodles
17
K.Sameera 
 6304885393 
Swiggy 
Good
Noodles
18
Y. Rojesh 
 8328443979 
Zomato 
Good
```

Biriyani

```
19
MD.Bohir 
 9966778123 
Zomato 
Bad
Biriyani
20
SK-Avesha 
 9490022770 
Swiggy 
Good
Biriyani
21
E. Himapriya 
 8490022770
Swiggy 
Good
Biriyani
22
M.Tharunya 
7989160440 
Swiggy 
Good
Biriyani
23
G. Haneesha 
9949914099 
Swiggy 
Good
Biriyani
24
E.Bhavani 
9347029209 
Swiggy 
Good
Dosa
```

```
25
M.Suneetha
9957684040 
Swiggy 
Good
Dosa
26
 G. Sandhya 
9030514558 
Swiggy 
Good
biriyani
27
 CH-Sreevani 
9515302498 
Zomato 
Good
biriyani
28
 E. Bhaskar 
9912230618 
Zomato 
bad
biriyani
29
 CH-Niranjan 
6381140583 
Zomato 
good
ice-cream
30
 G.Sureshkuman 
6309518548 
Swiggy
good
ice-cream
```

```
31
 CH-Niranjan 
6381140583 
zomato
good
ice-cream
32
CH.Rameswarao 
9989773187 
zomato
good
biriyani
33
 P.Padma
9848584166 
zomato
good
biriyani
34
 D.Suresh 
8712211118 
zomato
good
biriyani
35
S. Sivakumar 
8096730369 
swiggy
<td width="100">good
biriyani
36
C. Himakumari 
9642654116 
swiggy
good
biriyani
37
```

```
P. Ajay
9492973075 
swiggy
good
biriyani
38
M.Καιραπα 
9848427941 
swiggy
good
Dosa
38
KV-Karthik 
9502243646
swiggy
 good 
Dosa
39
B. Bindhu 
7013449913 
swiggy
good
biriyani
40
N.Parmeela 
8115449913 
swiggy
good
biriyani
41
R.Padma
 9015447713 
swiggy
good
biriyani
42
A.Harini
```

```
9440708314 
swiggy
good
Friedrice
43
G.Sheshu 
8919954345 
swiggy
good
Friedrice
44
R.Nirmala 
8688971959
swiggy
good
Biriyani
45
M.Niresh 
961271959
swiggy
good
Biriyani
46
R.Mahesh 
971231251
swiggy
good
Biriyani
47
Y.venkat 
867531299
swiggy
good
ice-cream
48
K-Radhika
```

```
9505726835
swiggy
 good 
parota
49
 T.Nirmala 
9949156222
swiggy
good
poori
50
 T. Vasodha.
        8985222784
swiggy
good
Noodles
<br/>>
<br/>
S.no
Name
Mobile no
Aadhar NO
Adress
1
Venkateswarlu
8984857704
422776363389
Ramji Nagar, swetha Sowdham
2
 M.Sukihaka Rao 
9502574246 
555281838130
Ramji Nagar, swetha Sowdham
```

```
3
 o.Arunamma
9441004133 
555281838130
Ramji Nagar, swetha Sowdham
4
 V. Penchala Reddy 
8072573032 
745400574859
Ramji Nagar, swetha Sowdham
5
 N. Nirmala 
9866921681 
745400574859
Ramji Nagar, swetha Sowdham
6
 U.Siva 
8374777080 
 804286871308
Ramji Nagar, swetha Sowdham 
7
 K-Ravi 
9160824233 
 351833955439
Ramji Nagar, swetha Sowdham
```

```
8
 R.Srihari 
 7989291269
 808051508911
Ramji Nagar, swetha Sowdham
9
 p.vinod 
 9959838901 
 808051508911
Ramji Nagar, swetha Sowdham 
10
 G. Lavanya 
 6281824243 
523354607005
Ramji Nagar, swetha Sowdham
11
p..Thrivikram 
 9000592931 
 711449845616
Ramji Nagar, swetha Sowdham
12
M.SHarmli 
 9010467861
```

```
527615477300
Ramji Nagar, swetha Sowdham
13
S. Sridhar 
 9704969534 
 220167468240
Ramji Nagar, swetha Sowdham
14
K. Ruthwik 
 7337327631 
 901909153645
Ramji Nagar, swetha Sowdham
15
 Y-venuteja 
 9866678632 
 628334482280
Ramji Nagar, swetha Sowdham
16
 P. Meghana 
 8309474277 
 441042092943 
Ramji Nagar, swetha Sowdham
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```
17
K.Sameera 
 6304885393 
283860677406
Ramji Nagar, swetha Sowdham
18
Y. Rojesh 
 8328443979 
 987611810021
Ramji Nagar, swetha Sowdham
19
MD.Bohir 
 9966778123 
 631658411437
Ramji Nagar, swetha Sowdham
20
SK-Avesha 
 9490022770 
 993716823812
Ramji Nagar, swetha Sowdham
```

```
21
E. Himapriya 
 8490022770
 292566173970
Ramji Nagar, swetha Sowdham
22
M.Tharunya 
7989160440 
398631802988
Ramji Nagar, swetha Sowdham
23
G. Haneesha 
9949914099 
 436637112937
Ramji Nagar, swetha Sowdham
24
E.Bhavani 
9347029209 
527864106144
Ramji Nagar, swetha Sowdham
25
M.Suneetha
9957684040 
 828338107211
```

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Ramji Nagar, swetha Sowdham
26
 G. Sandhya 
9030514558 
422493604419
Ramji Nagar, swetha Sowdham
27
 CH-Sreevani 
9515302498 
 3322872 49807
Ramji Nagar, swetha Sowdham
28
 E. Bhaskar 
9912230618 
 455251904958
Ramji Nagar, swetha Sowdham
29
 CH-Niranjan 
6381140583 
985815485979
Ramji Nagar, swetha Sowdham
30
 G.Sureshkuman
```

```
6309518548 
788750759796
Ramji Nagar, swetha Sowdham 
31
 CH-Niranjan 
6381140583 
409573931246
Ramji Nagar, swetha Sowdham
32
CH.Rameswarao 
9989773187 
308042534505
Ramji Nagar, swetha Sowdham
33
 P.Padma
9848584166 
930640341444
Ramji Nagar, swetha Sowdham
34
 D.Suresh 
8712211118 
555281838130
Ramji Nagar, swetha Sowdham
35
S. Sivakumar
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8096730369 
804286871308
Ramji Nagar, swetha Sowdham
36
C. Himakumari 
9642654116 
351833955439
Ramji Nagar, swetha Sowdham
37
P. Ajay
9492973075 
808051508911
Ramji Nagar, swetha Sowdham 
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M.Καιραπα 
9848427941 
441042092943
Ramji Nagar, swetha Sowdham
38
KV-Karthik 
9502243646
441042092943
Ramji Nagar, swetha Sowdham
39
B. Bindhu
```

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Ramji Nagar, swetha Sowdham
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987611810021
Ramji Nagar, swetha Sowdham
41
R.Padma
 9015447713 
993716823812
Ramji Nagar, swetha Sowdham
42
A.Harini
9440708314 
828344107214
Ramji Nagar, swetha Sowdham
43
G.Sheshu 
8919954345 
315363292041
Ramji Nagar, swetha Sowdham
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44
R.Nirmala 
8688971959
936014444034
Ramji Nagar, swetha Sowdham
45
M.Niresh 
961271959
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Ramji Nagar, swetha Sowdham
46
R.Mahesh 
971231251
808767460683
Ramji Nagar, swetha Sowdham
47
Y.venkat 
867531299
407959312646
Ramji Nagar, swetha Sowdham
48
K-Radhika 
9505726835
637143669937
Ramji Nagar, swetha Sowdham
```

```
49
  T.Nirmala 
 9949156222
 396318088986
 Ramji Nagar, swetha Sowdham
 50
  T. Vasodha.
 8985222784
 422449603414
 Ramji Nagar, swetha Sowdham
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<div id="Graphs" class="tabcontent">
<h3>Graphs</h3>
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<img src="C:\Users\Tharunya\OneDrive\Documents\graph2.jpg" width="30%"height="40%"/>
<img src=" C:\Users\Tharunya\OneDrive\Documents\graph3.jpg" width="30%"height="40%"/>
</div>
<div id="queries" class="tabcontent">
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 <h2>
   .Name:
   <input type="name"/>
   <br/>br/><br/>
   Mobile no:
   <input type="name"/>
   <br/><br/>
         AGE:
<input type="number"/>
<br/>>
<br/>>
<h2><button class="login">Login</button></h2>
</h2>
</forms>
<forms>
<h1>what is your most favourite food?</h1>
```

```
<input type="description"/>
</forms>
</div>
<div id="usuage" class="tabcontent">
<h3>usuage</h3>
S.NO
 Options
 No.of respondents
 percentages
1
Swiggy
29
57%
2
Zomato
21
43%
Total
50
100%
</div>
<div id="Contact" class="tabcontent">
<h1>...THIS IS ABOUT US...</h1><br/>
<h1>WELCOME TO OUR PROJECT</h1>
</div>
</body>
</html>
```

### **WEBSITE PHOTOS**



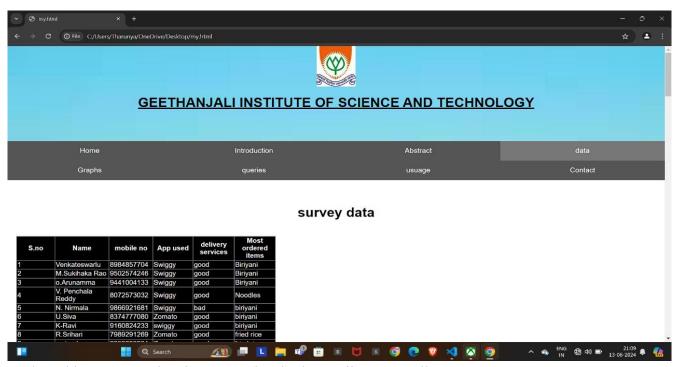
> It shows the Home page of the website.



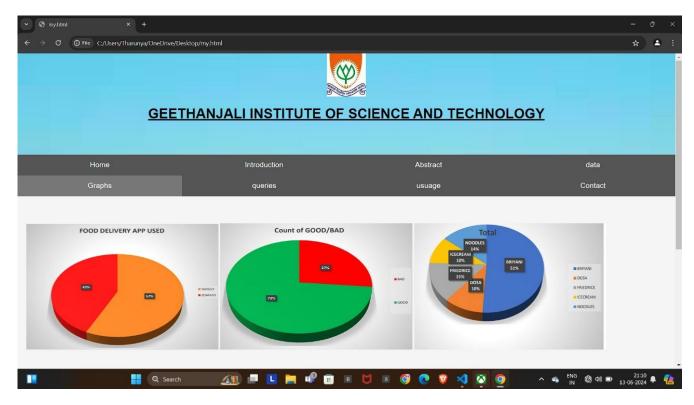
In this introduction page it contains the information about the oonline food delivery apps.



This page contains the abstract of the project.



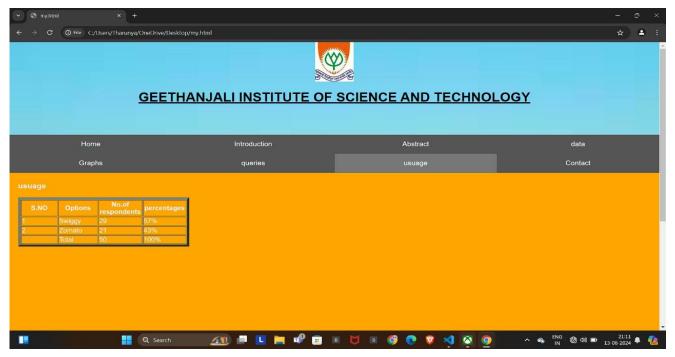
This page contains the survey data in the ramji nagar, Nellore.



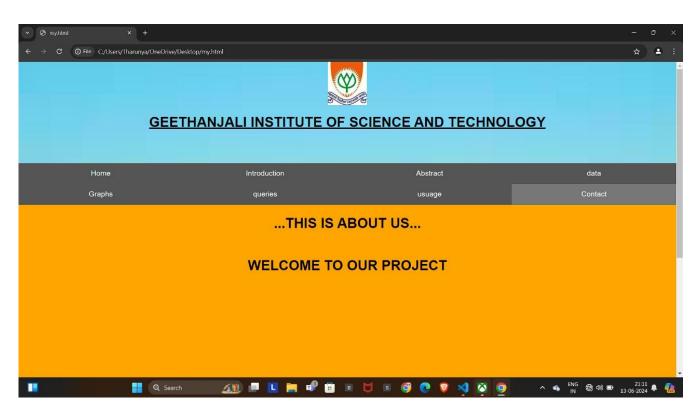
- > Graphical representation of reviews on different delivery apps.
- > Swiggy app is used more by the people when compared to Zomato.



- These are the queries asked to the people about the delivery apps.
- The details of the person like name, mobile no, are present here.



- > It shows the total number of people using different delivery apps.
- > 29 people uses swiggy,21 people uses Zomato.



### **CONCLUSION**

### 1.Food Delivery App Preference

Swiggy emerges as the most preferred delivery app among the listed people with majority of them ordered biryani. This could be attributed to factors such as on-time delivery, food quality, food taste and payment options.

#### 2. Food items

People have ordered for various food items based on their food taste and budget constraints. While some have choosen biryani, fried rice, others have ordered for icecream, noodles

### 3. Food Delivery Service

Delivery service is generally reported as GOOD or BAD, suggesting reliable delivery service and food service quality provided by the respective food services in the customer locations. This indicates the consumer perception towards food delivery apps.

### 4. Disparate in customer choices

While swiggy is the dominant food service provider, there is also disparate in choice of food service providers, where few customers ordering for biryani, icecream, dosa, noodles and fried rice. This reflects the availability of multiple options in the food and the customer preferences based on food quality, number of restaurants, hygiene, food taste and service

### **ACTIVITY LOG**

WEEK	ACTIVITY
WEEK-1	Problem identification and discussion
WEEK – 2	Conducting Survey
WEEK - 3	Preparation of Documentation and PPT
WEEK - 4	Learning required Technology
WEEK-5	Learning required Technology
WEEK - 6	Implementation of Project
WEEK – 7	Implementation of Project
WEEK - 8	Preparation of Complete Documentation

Signature of the Student

# **DETAILED REPORT**

# <u>WEEK – 1</u> <u>Problem Identification and Discussion</u>

DAY	ACTIVITY
DAY-1	Problem identification and discussion
DAY – 2	Selection of area and preparing questionnaire
DAY - 3	Conducting survey and collecting authentic data
DAY - 4	Collecting data and taking signatures of people
DAY-5	Taking Geotagged photos while during the Survey
DAY - 6	Obtaining Grama Sachivalayam letter

Signature of the Student

### WEEK - 2: Conducting the Survey

DAY	ACTIVITY
DAY -1	Entering the surveyed data in the form of table in the document.
DAY -2	Drawing inference from the data collected.
DAY -3	Preparing PowerPoint presentation, adding geotagged pictures and inference drawn from surveyed data.
DAY -4	Learning technology to implement our project
DAY -5	Implementation of our project
DAY -6	Finalizing the website and checking documents

Signature of the Student

<u>WEEK – 3:</u> <u>Preparation of Documentation and PPT</u>

DAY	ACTIVITY
DAY-1	Creation of Title page, Certificate page and Declaration by Student.
DAY – 2	Creation of Acknowledgement page and Table of Contents page.
DAY - 3	Creation of Abstract page and Introduction page.
DAY - 4	Entering Surveyed data and adding Inference from surveyed data to document.
DAY-5	Adding Graphs from inference and implementation page to document.
DAY - 6	Adding Geotagged photos.

Signature of the Student Signature of the Project Guide

# WEEK – 4: Learning Technology

DAY	ACTIVITY
DAY-1	Learning HTML – Opening and Closing Tags
DAY – 2	Learning Basic Tags in HTML
DAY - 3	Learning Formatting Tags in HTML – Bold, Underline, Emphasis, Strong, etc
DAY - 4	Learning Image tag to insert images into Website using HTML
DAY-5	Learning Required Table tags – TABLE, TR, TD, THEAD, etc
DAY - 6	Learning Frames in HTML – Frames, Frame set, Horizontal Frame, Vertical Frame, Mixed Frame, etc

Signature of the Student

# $\underline{WEEK-5}$

### **Learning Technology**

DAY	ACTIVITY
DAY-1	Learning User Interface Components in HTML – Label, Text Field, Button
DAY – 2	Learning User Interface Components in HTML – Checkbox, List
DAY - 3	Learning User Interface Components in HTML – Dropdown list, Text Area
DAY - 4	Learning about Submit button and Refresh button in HTML
DAY-5	Learning User Interface Components in HTML – Form Method, Post method, Get method
DAY - 6	Learning and Understanding Basics of JavaScript, Variables, Data Types, Functions, etc

Signature of the Student Signature of the Project Guide

# <u>WEEK – 6:</u>

### <u>Implementation of Project</u>

DAY	ACTIVITY
DAY-1	Implementation of Project (Creation of a website using HTML)
DAY – 2	
DAY - 3	
DAY - 4	
DAY-5	
DAY - 6	

Signature of the Student

# $\underline{WEEK-7:}$

### Implementation of Project

DAY	ACTIVITY
DAY-1	
DAY – 2	
DAY - 3	Implementation of Project (Creation of a website using HTML)
DAY - 4	
DAY-5	
DAY - 6	

Signature of the Student

# <u>WEEK – 8:</u>

### **Documentation**

DAY	ACTIVITY
DAY-1	
DAY – 2	
DAY - 3	Preparation of complete documentation
DAY - 4	And Hard binding of the report
DAY-5	
DAY - 6	

### **GEO TAGGED PHOTOS**









