



**Dr. D Y Patil Unitech Society, Pune**  
**DR. D. Y. PATIL ARTS, COMMERCE & SCIENCE**  
**COLLEGE**  
**PIMPRI, PUNE – 411018**

**A**  
**PROJECT REPORT ON**  
**“ PLATES OF FLAVOURS ”**

***Developed by***

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**Dr. D Y Patil Unitech Society Pune**

**DR. D. Y. PATIL ARTS, COMMERCE & SCIENCE  
COLLEGE**

**PIMPRI, PUNE – 411018**

**DEPARTMENT OF COMPUTER SCIENCE**

## **CERTIFICATE**

Exam Seat No:- \_\_\_\_\_

Date:-

This is to certify that the project entitled "**Plates of Flavours**" is completed by **Mr. Alex .Augustin. D'souza** Students of **DR. D. Y. PATIL ARTS, COMMERECE & SCIENCE COLLEGE, PIMPRI** in fulfilment of M.Sc.(COMPUTER SCIENCE) Project Work in academic year 2020-2021. This is the record of work carried out by them.

**Project Guide**

**Head of Department**

**External Examiner**

**Internal Examiner**

# **Acknowledgement**

We would like to express my special thanks of gratitude to our Project guide '**Mrs. SONALI NEMADE**' as well as our H.O.D & Vice Principal **Dr. Ranjit Patil** sir who gave me the golden opportunity to do this wonderful project on the topic "**Plates of Flavours**", which also helped me in doing a lot Research and I came to know about so many new things I am really thankful to them. Secondly, I would also like to thank guardian and friends who helped me a lot in finalizing this project within the limited time frame.

We are thankful to all fortunate enough to get constant encouragement, support and guidance from all teaching staff of **Department of Computer Science** which helped successfully our project work. Also, we would like to thanks our friends for their help.

Yours Sincerely,  
Name: Alex .A. D'souza

# INDEX

1. Certificate
2. Acknowledgement
3. Index
4. Existing System
5. Proposed System
6. Scope of the System
7. H/W and S/W Requirements
8. Fact Finding Techniques
9. Diagram
  - a. Class Diagram
  - b. Usecase Diagram
  - c. Sequence Diagram
  - d. Activity Diagram
  - e. Collaboration Diagram
10. Testing
11. I/O Screen
12. Conclusion
13. Future Enhancement
14. Bibliography

# EXISTING SYSTEM

In the present scenario, people have to physically visit the hotels or restaurants for eating food and have to make payment through cash mode.

In this method time as well as physical work is required also traditional food ordering procedure is not efficient enough for hotels and restaurants, as they have to deal with the crowd in there hotel.

The old methods can be classified into categories which are paper grounded and verbal grounded. For paper based work, the waiter comes and pens down foods that customers order and pass the food list then chef cooks in the further process.

Also from owners point of view maintaining data record and the account in physical file are tedious work to do. Also it is full of risk as anyone can access it and modify the data.

# PROPOSED SYSTEM

This system is a bunch of benefits from various point of views. As this online website enables the end users to register to system online, select food item of their choice from menu list and order food online.

The payment can be made through online mode or at the time of delivery depending upon the customers choice and convenience. One of the various benefits of this is system is that is there is rush or huge crowd present in the restaurant then in that case sometimes availability of tables cut downs the restaurants customer with this system work load of waiters in the restaurants are reduced. This system allow the staff to serve customer within less time as compared to the manual system.

# SCOPE OF THE SYSTEM

This system includes: Billing, Inventory, Website, and Reservation. This system will change the manual system of the business in order for the user to work easier and provide faster transaction for the customer. It can produce an accurate and reliable report which includes print-outs of receipt for customer's payment and inventory of menu's, beverages, etc. The system will only be manipulated by the authorized person like the owner.

## H/W AND S/W REQUIREMENTS

### **HARDWARE REQUIREMENTS-**

- 1) RAM-2GB
- 2) PROCESSOR-Intel Dual Core/i3/i5/i7...
- 3) HARD DISK-Minimum 4 GB

### **SOFTWARE REQUIREMENTS-**

- 1) OPERATING SYSTEM-Windows XP/Windows 7/Linux/Unix

WEB TECHNOLOGIES –HTML5, CSS

OTHER REQUIREMENTS – GITHUB, BOOTSTRAP

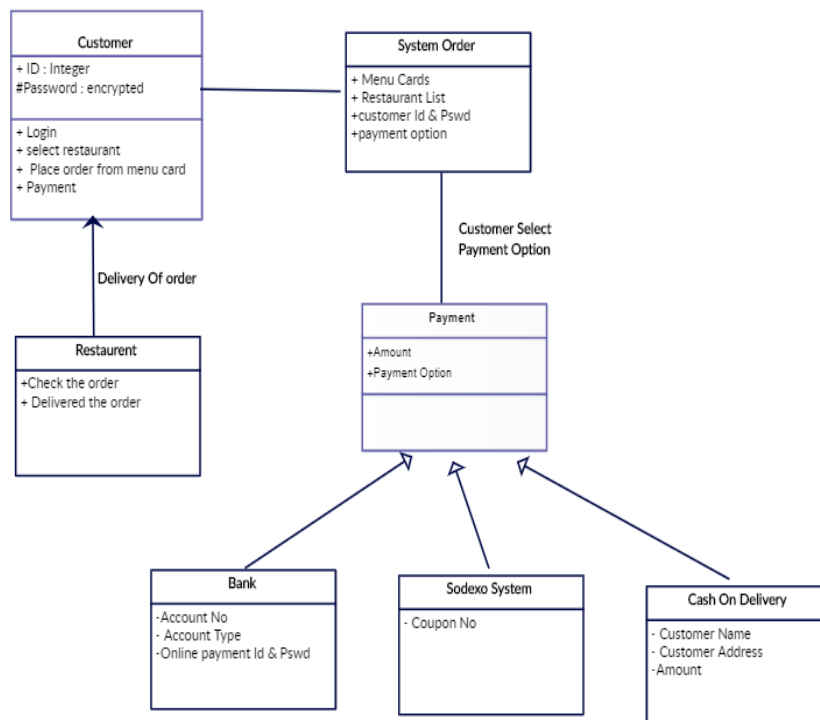
PLATFORM –ANY

# FACT FINDING TECHNIQUES

1. Sampling of existing documentation forms, and commands.
2. Questionnaires.
3. Testing the code by implementing it.
4. Fact finding used throughout the commands application life cycle, crucial to the early stages including commands planning, system definition and requirements collection and analysis stages.
5. Enables us to learn about problems, opportunities constraints, requirements and priorities.
6. In our command we have normally used fact finding techniques during a single project.
  - ◆ Examining the code.
  - ◆ Observing the output.
  - ◆ Research.

# DIAGRAMS

## CLASS DIAGRAM





# USECASE DIAGRAM

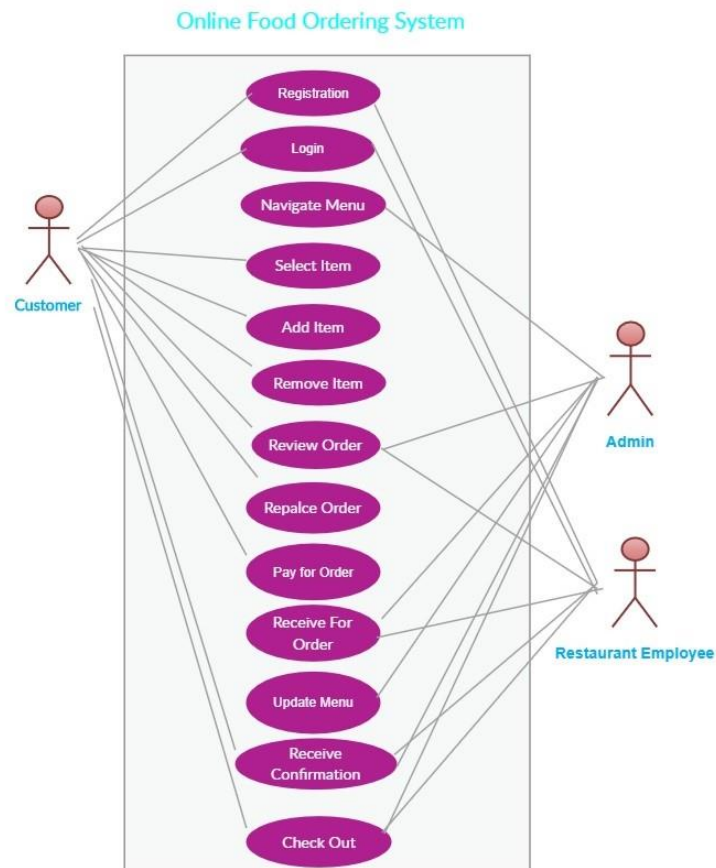
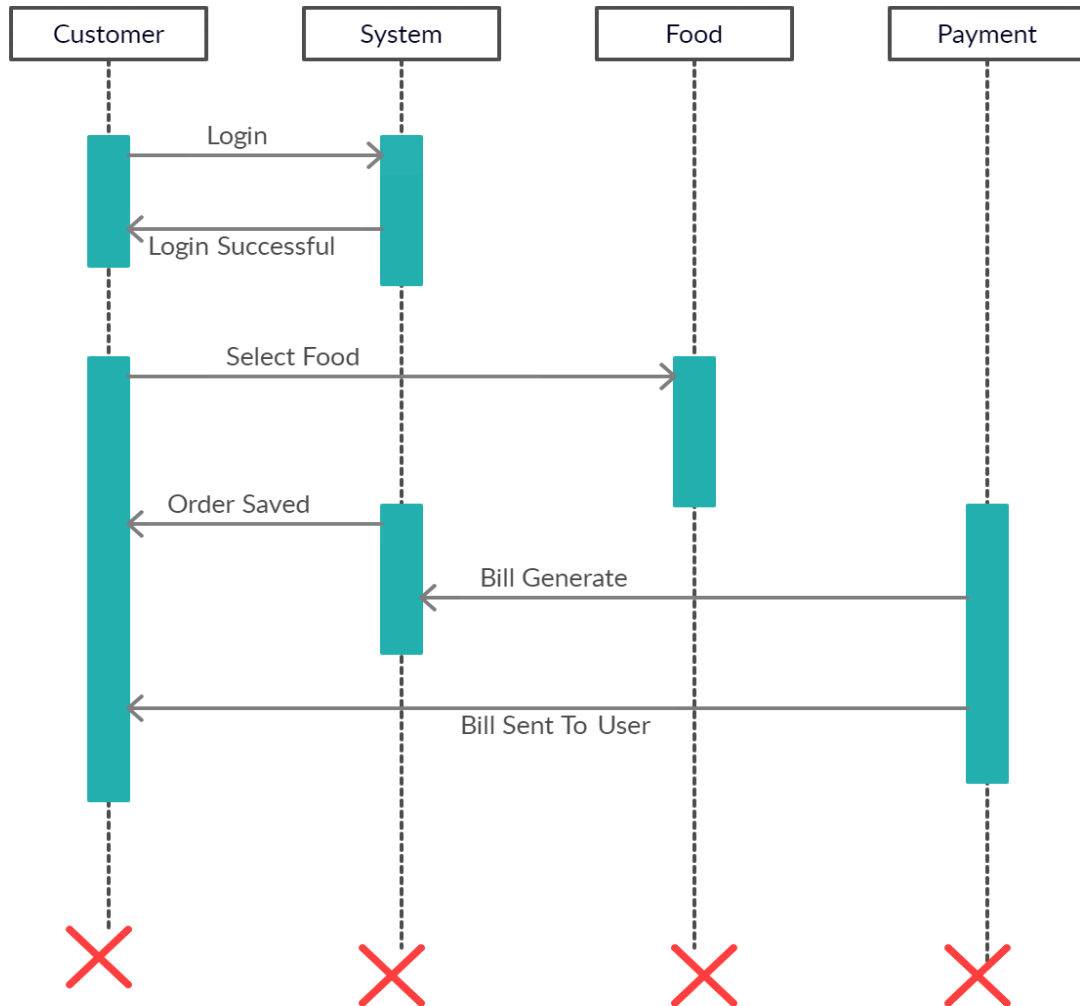
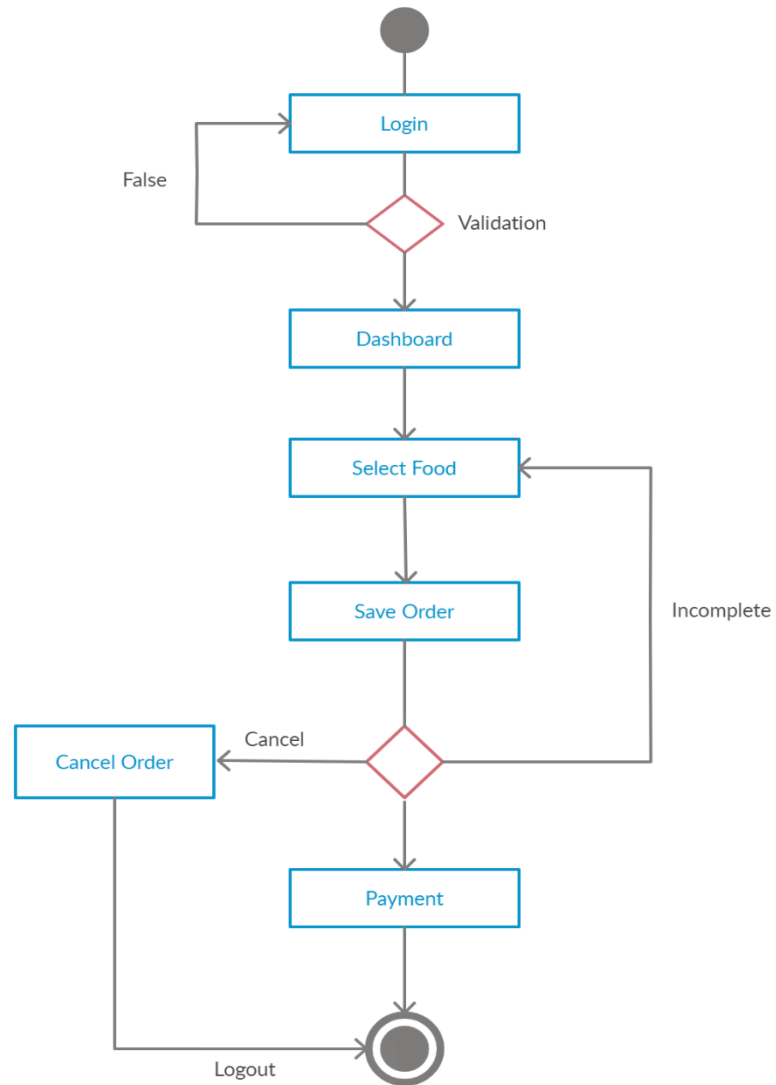


Figure : Use Case Diagram

# SEQUENCE DIAGRAM



# COLLABORATION DIAGRAM



# TESTING

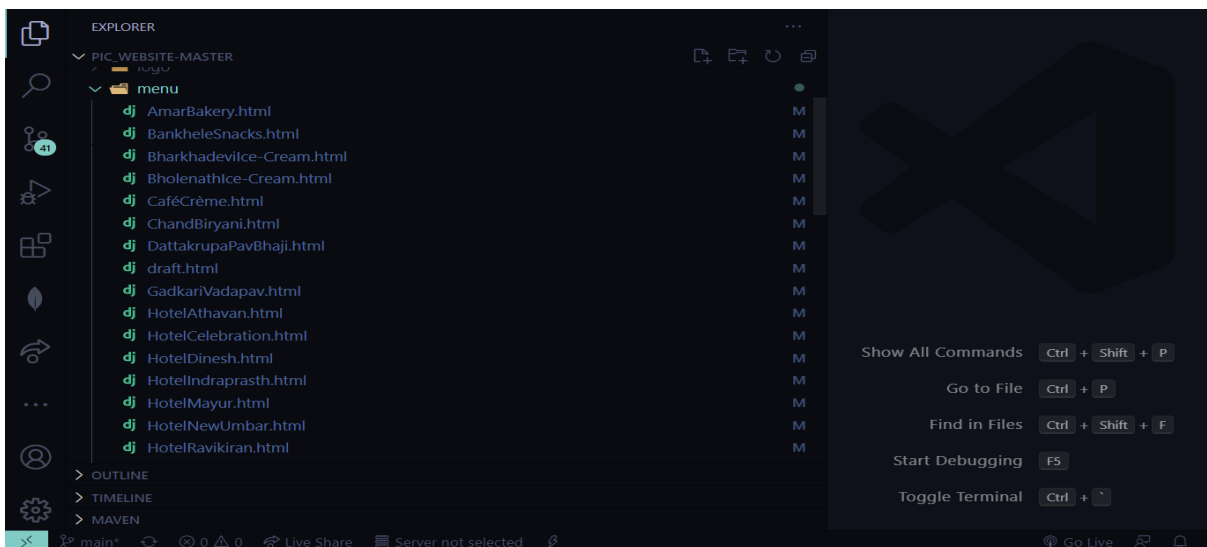
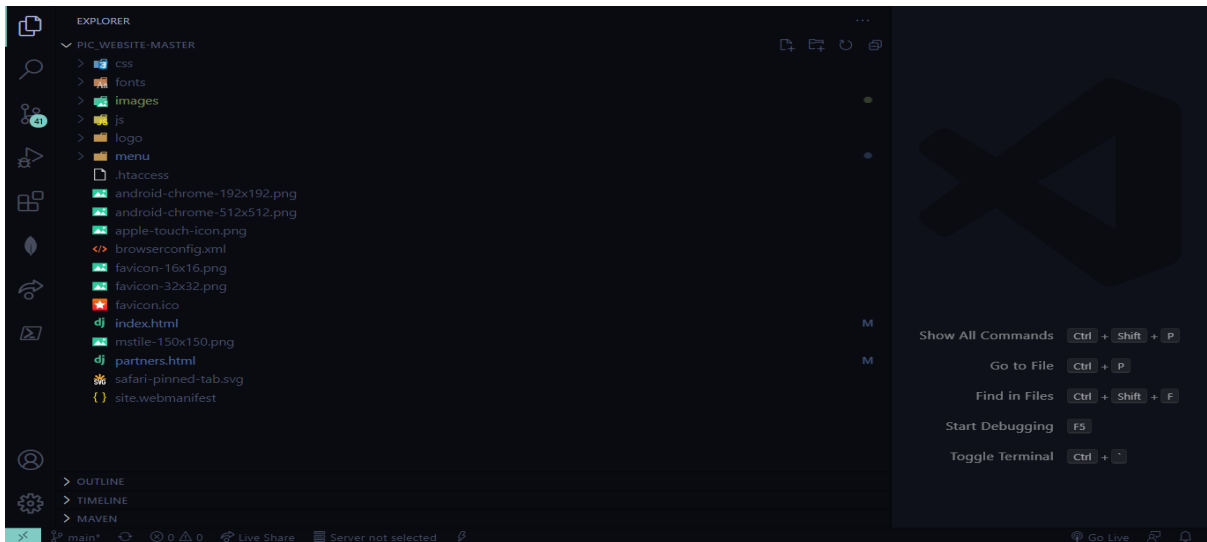
<b>Test data</b>	<b>Expected Output</b>	<b>Actual output</b>
Commit changes made in the code.	Will commit the changes in the file.	Commit the changes.

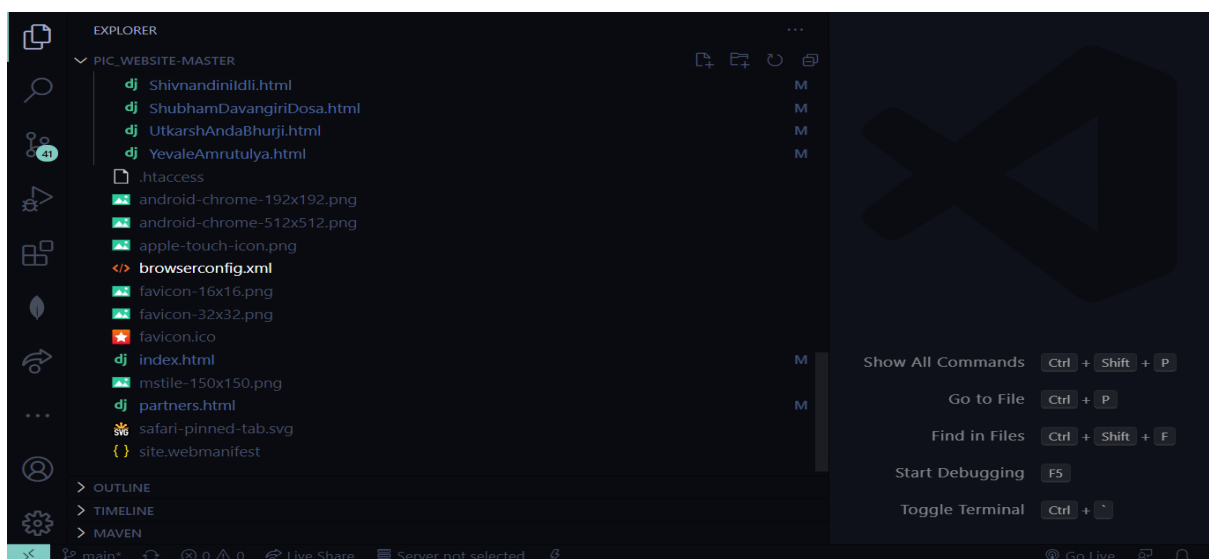
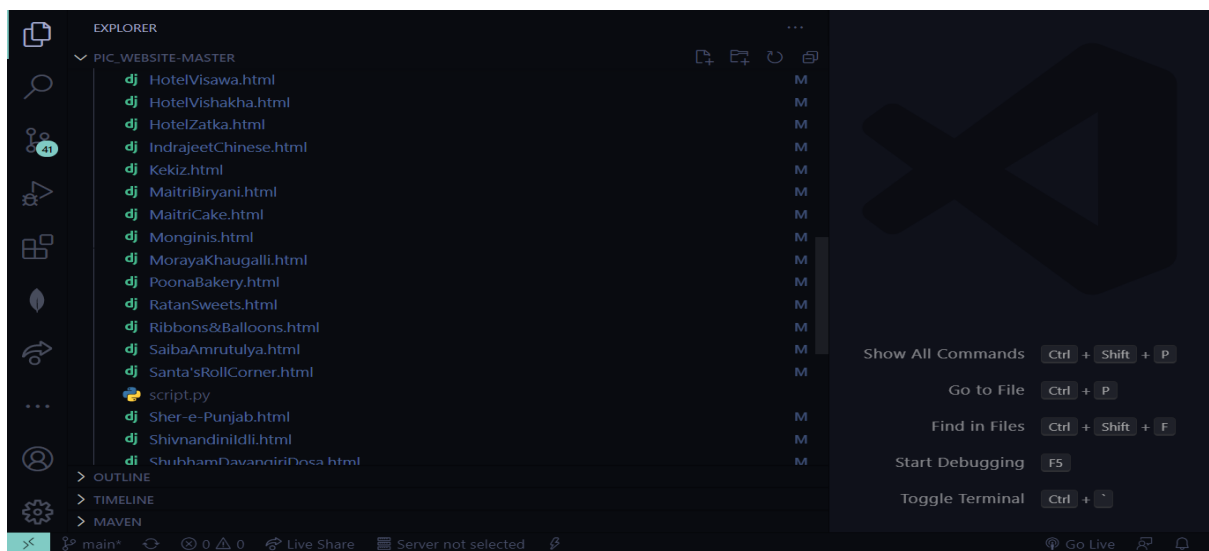
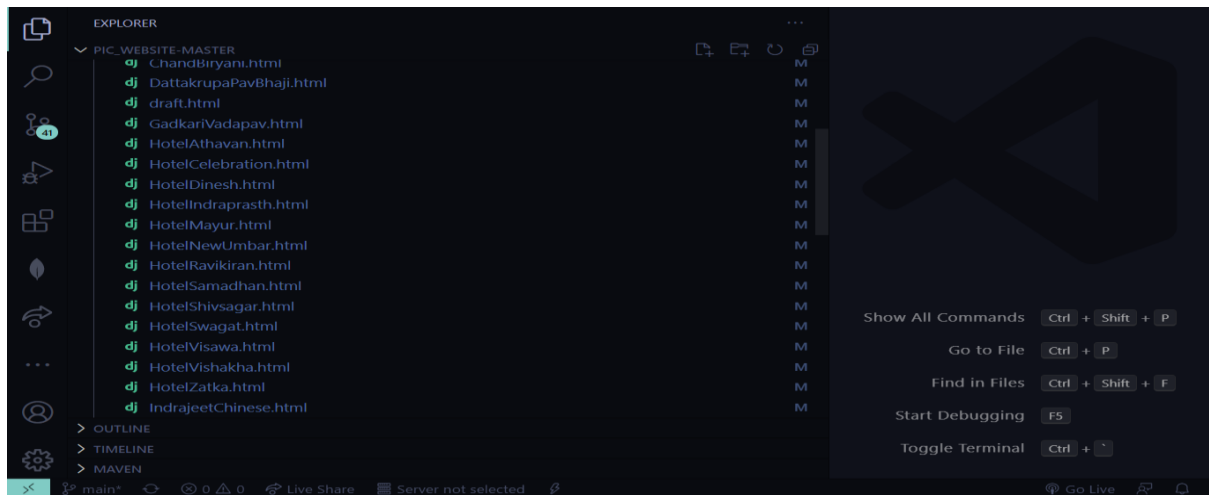
<b>Test data</b>	<b>Expected Output</b>	<b>Actual output</b>
Push date.	Push all files to the repository.	Push and upload the file to the repository.

<b>Test data</b>	<b>Expected Output</b>	<b>Actual output</b>
Use git pages.	Host the site in git pages.	The site will be deployed.

# I/O SCREENS

## INPUT SCREENS





# INDEX.HTML

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4
5 <title>The PIC</title>
6
7 <meta charset="UTF-8">
8 <meta http-equiv="X-UA-Compatible" content="IE=Edge">
9 <meta name="description" content="">
10 <meta name="keywords" content="">
11 <meta name="author" content="">
12 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
13
14 <link rel="stylesheet" href="css/bootstrap.min.css">
15 <link rel="stylesheet" href="css/font-awesome.min.css">
16 <link rel="stylesheet" href="css/animate.css">
17 <link rel="stylesheet" href="css/owl.carousel.css">
18 <link rel="stylesheet" href="css/owl.theme.default.min.css">
19 <link rel="stylesheet" href="css/magnific-popup.css">
20
21 <!-- Icons -->
22 <link rel="apple-touch-icon" sizes="180x180" href="/apple-touch-icon.png">
23 <link rel="icon" type="image/png" sizes="32x32" href="/favicon-32x32.png">
24 <link rel="icon" type="image/png" sizes="16x16" href="/favicon-16x16.png">
25 <link rel="manifest" href="/site.webmanifest">
26 <link rel="mask-icon" href="/safari-pinned-tab.svg" color="#5bbad5">
27 <meta name="msapplication-TileColor" content="#da532c">
28 <meta name="theme-color" content="#ffffff">
29
30 <!-- MAIN CSS -->
31 <link rel="stylesheet" href="css/templatemo-style.css">
```

```
33 <body>
34
35 <!-- PRE LOADER -->
36 <section class="preloader">
37 <div class="spinner">
38
39 <span class="spinner-rotate"></span>
40
41 </div>
42 </section>
43
44 <!-- MENU -->
45 <section class="navbar custom-navbar navbar-fixed-top" role="navigation">
46 <div class="container">
47
48 <div class="navbar-header">
49 <button class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
50 <span class="icon icon-bar"></span>
51 <span class="icon icon-bar"></span>
52 <span class="icon icon-bar"></span>
53 </button>
54
55 <!-- LOGO TEXT HERE -->
56 <a href="index.html" class="navbar-brand">
59
60 <!-- MENU LINKS -->
61 <div class="collapse navbar-collapse">
62 <ul class="nav navbar-nav navbar-right">
63 <li><a href="#home" class="smoothScroll">Home</a></li>
```

```
74
75
76 <!-- HOME -->
77 <section id="home" class="slider" data-stellar-background-ratio="0.5">
78 <div class="row">
79
80 <div class="owl-carousel owl-theme">
81 <div class="item item-first">
82 <div class="caption">
83 <div class="container">
84 <div class="col-md-8 col-sm-12">
85 <h3>The Partners In Care</h3>
86 <h1>Order from your favourite hotels</h1>
87 <a href="#team" class="section-btn btn btn-default smoothScroll">Meet our t
88
89 </div>
90 </div>
91 </div>
92
93 <div class="item item-second">
94 <div class="caption">
95 <div class="container">
96 <div class="col-md-8 col-sm-12">
97 <h3>Order Online</h3>
98 <h1>Order Online at 00 00 00 00 00</h1>
99 <a href="#menu" class="section-btn btn btn-default smoothScroll">Discover m
100
101 </div>
102 </div>
103 </div>
104
```

```
index.html P1 x
index.html
122 <!-- ABOUT -->
123 <section id="about" data-stellar-background-ratio="0.5">
124   <div class="container">
125     <div class="row">
126
127       <div class="col-md-6 col-sm-12">
128         <div class="about-info">
129           <div class="section-title wow fadeInUp" data-wow-delay="0.2s">
130             <h4>Read our story</h4>
131             <h2>Delivering Food to your doorsteps from your favourite restraunts</h2>
132           </div>
133           <div class="wow fadeInUp" data-wow-delay="0.4s">
134             <p>It is our mission to deliver to your doorsteps, your favourite food, from your fav,
135             <p>Our services are available in Pune and upto 5 KM around it.</p>
136           </div>
137         </div>
138       </div>
139     </div>
140
141     <div class="col-md-6 col-sm-12">
142       <div class="wow fadeInUp about-image" data-wow-delay="0.6s">
143         
144       </div>
145     </div>
146   </div>
147 </section>
148
149 <!-- TEAM -->
150
151
```

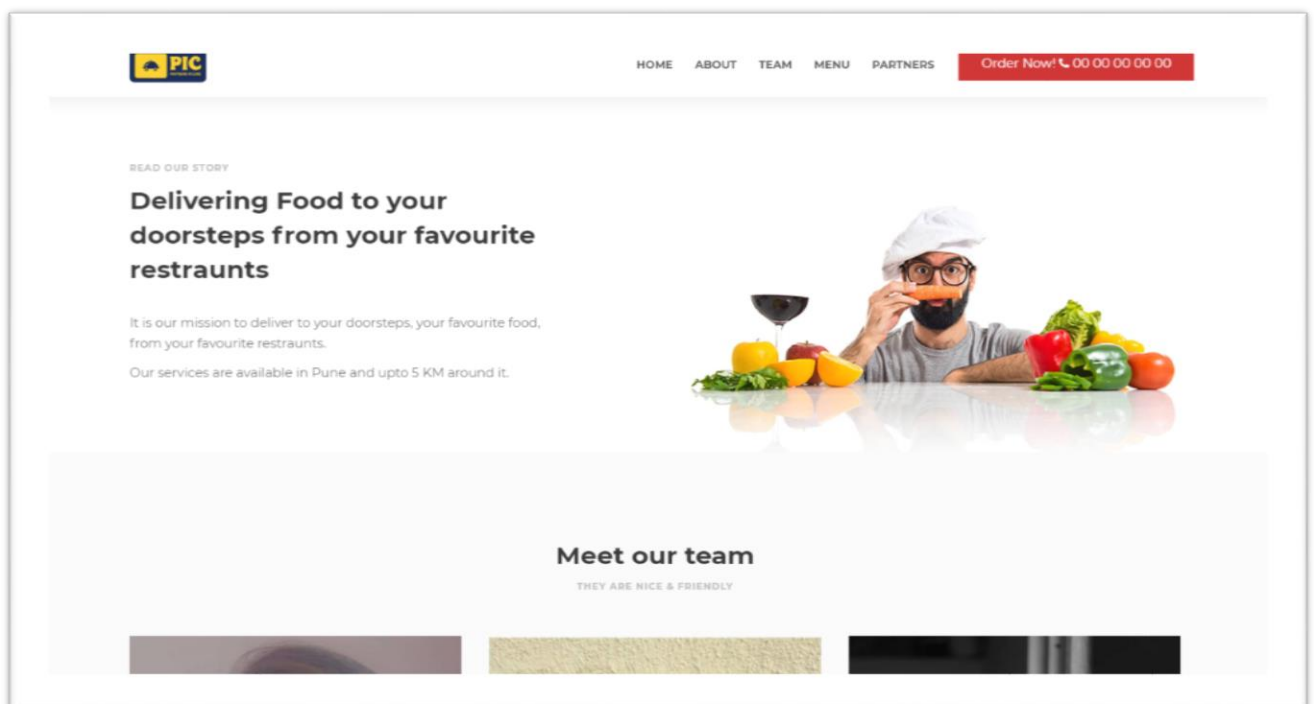
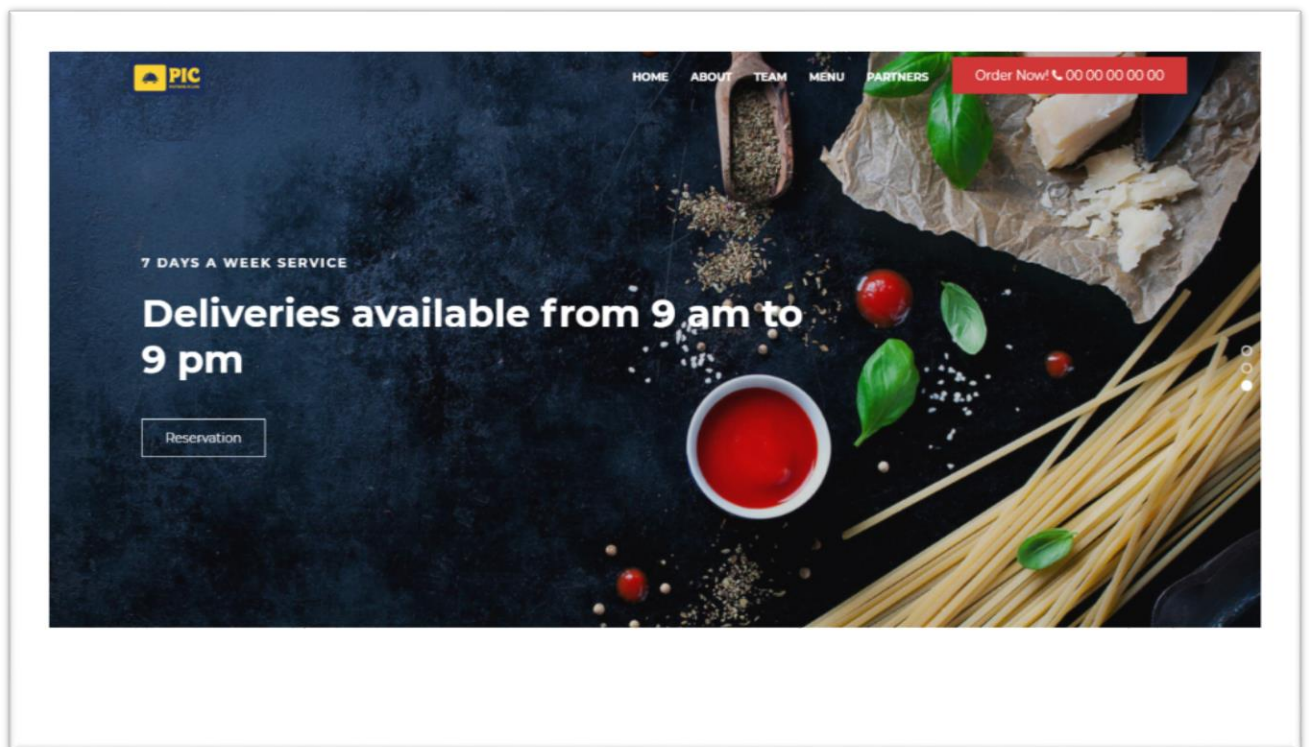
```
index.html P1 x
index.html
151 <!-- TEAM -->
152 <section id="team" data-stellar-background-ratio="0.5">
153   <div class="container">
154     <div class="row">
155
156       <div class="col-md-12 col-sm-12">
157         <div class="section-title wow fadeInUp" data-wow-delay="0.1s">
158           <h2>Meet our team</h2>
159           <h4>They are nice & friendly</h4>
160         </div>
161       </div>
162
163       <div class="col-md-4 col-sm-4">
164         <div class="team-thumb wow fadeInUp" data-wow-delay="0.2s">
165           
166           <div class="team-hoven">
167             <div class="team-item">
168               <h4>Your Description</h4>
169               <ul class="social-icon">
170                 <li><a href="https://www.instagram.com/pooja_kulkarni1811/" class="fa
171                 <li><a href="#" class="fa fa-envelope-o"></a></li>
172               </ul>
173             </div>
174           </div>
175         </div>
176         <div class="team-info">
177           <h3>Pooja Kulkarni</h3>
178           <p>Co-Founder</p>
179         </div>
180       </div>
181
```

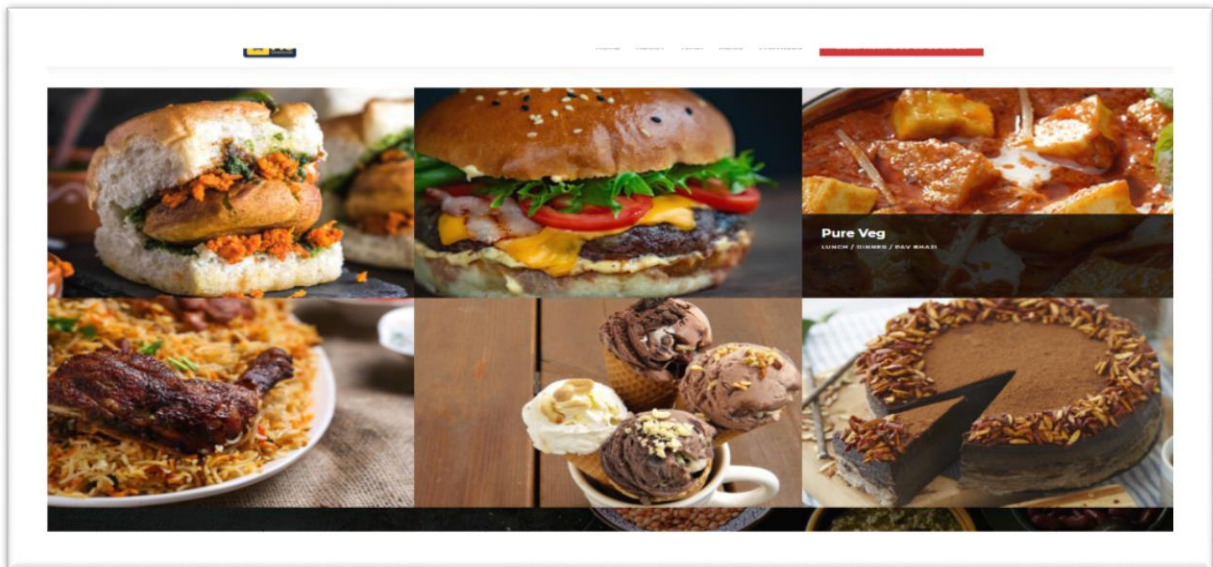
```
index.html P1 x
index.html
226 <!-- MENU -->
227 <section id="menu" data-stellar-background-ratio="0.5">
228   <div class="container">
229     <div class="row">
230
231       <div class="col-md-12 col-sm-12">
232         <div class="section-title wow fadeInUp" data-wow-delay="0.1s">
233           <h2>Our Partners</h2>
234           <h4>Shops & Dishes</h4>
235         </div>
236       </div>
237
238       <div class="col-md-4 col-sm-6">
239         <!-- MENU THUMB -->
240         <div class="menu-thumb">
241           <a href="partners.html#Snacks" title="Snacks">
242             
243           </a>
244           <div class="menu-info">
245             <div class="menu-item">
246               <h3>Snacks</h3>
247               <p>Vadapav / Samosa / South Indian</p>
248             </div>
249             <div class="menu-price">
250               <span></span>
251             </div>
252           </div>
253         </div>
254       </div>
255     </div>
256
```





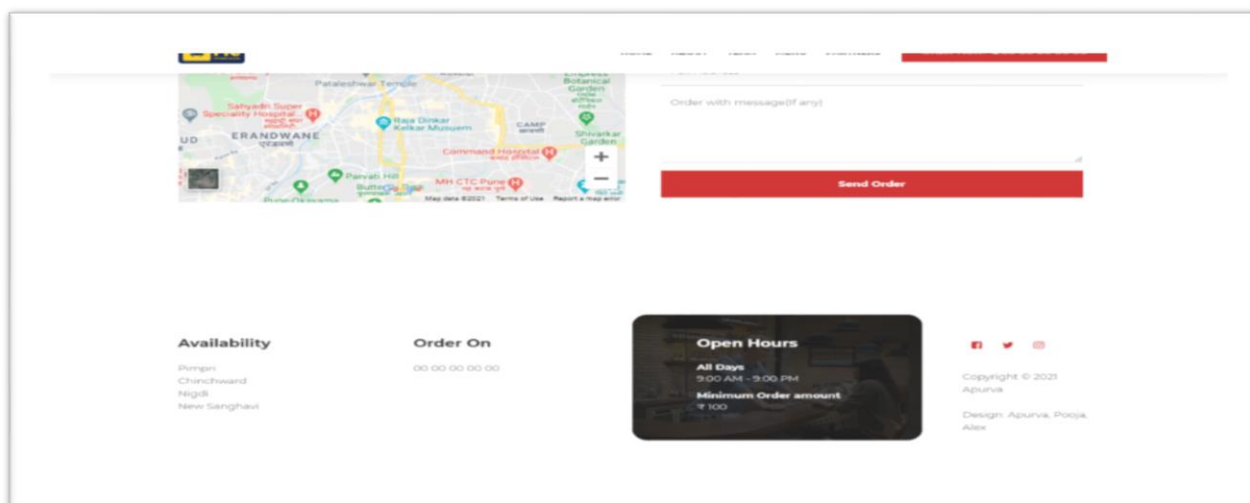
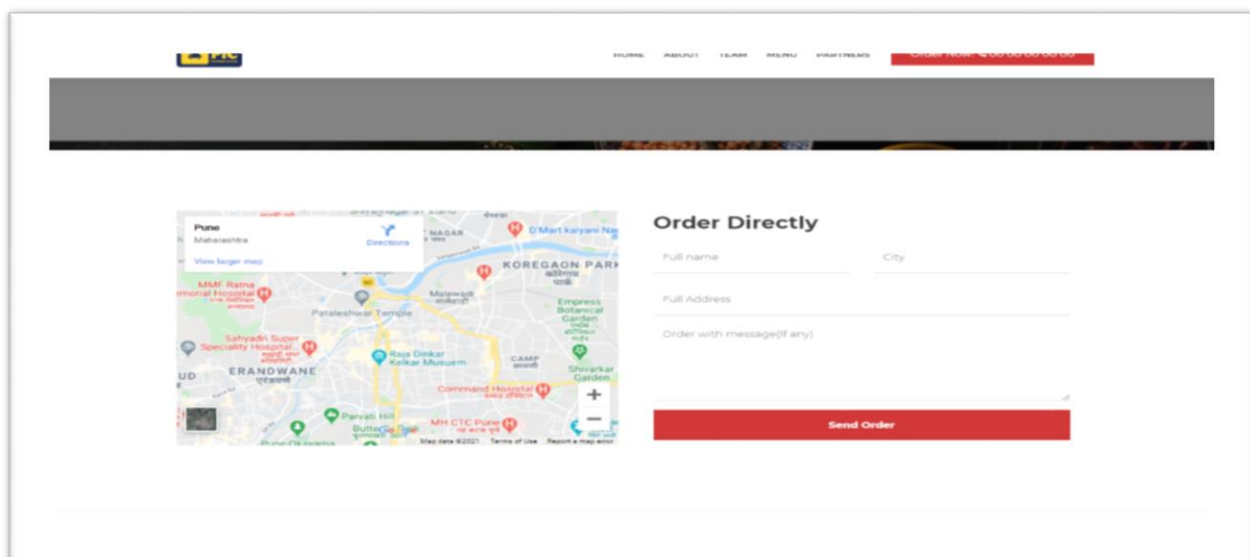
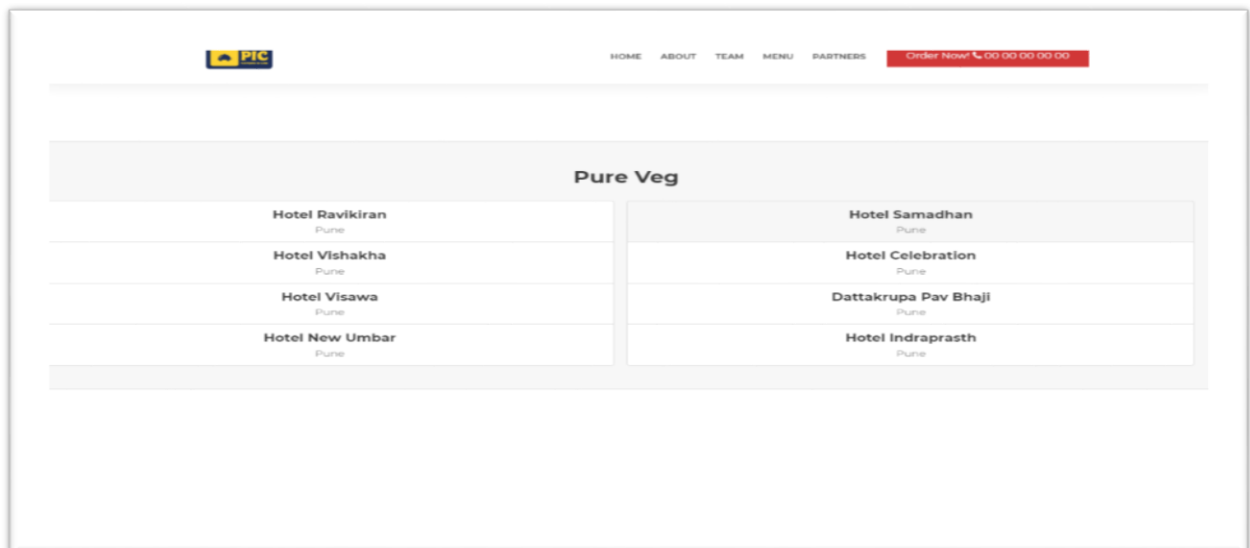
# OUTPUT SCREENS





Ice-Cream	
Bholenath Ice-Cream Pune	Barkhadevi Ice-Cream Pune
Cake Shop	
Kekiz Pune	Ribbons & Balloons Pune
Poona Bakery Pune	Maitri Cake Pune
Amar Bakery Pune	Monginis Pune

Snacks	
Bankhele Snacks Pune	Yevale Amrutulya Pune
Shivnandini Idli Pune	Saiba Amrutulya Pune
Shubham Davangiri Dosa Pune	Indrajeet Chinese Pune
Gadkari Vadapav Pune	Ratan Sweets Pune
Hotel Mayur Pune	



## MANCHURIAN

veg manchurian	30/-
veg manchurian gravy	30/-
chinese bhel	40/-
manchow soup	30/-



## Hotel Ravikiran

### BLOW HOT & BLOW COLD

Special Tea	20	सोडा/चाय
Milk Cup	20	दूध काप
Fresh Lime Water	30	ताजे लिंबू पावला
Taak (Butter Milk)	25	ताक
Nescoffee	30	नेस कॉफी
Masala Taak	35	मसाला ताक
Fresh Lime Soda	40	ताजे लिंबू सोडा
Masala Milk	40	मसाला दूध
Lassi	40	लासी
Cold Coffee	60	कोल्ड कॉफी

### FASTING TREASURE

Sabudana Wada	60	साबुदाना वाडा
Sabudana Khichadi	50	साबुदाना खिचडी
Potato Bhaji	50	पटाटा भाजी
Finger Chips	60	फिंगर चिप्स

### BAKER'S MAN DELIGHT

Bread Butter/Jam	50/60	ब्रेड बटर/जाम
Veg. Sandwich	50	व्हेज सॅन्डविच
Cheese Sandwich	60	चीज सॅन्डविच

## NEW POTATO TWISTER

potato Twister	40/-
cheese Twister	50/-
mezonij Twister	50/-
Tandoori Twister	60/-
Peri-Peri Twister	60/-
schezwan Twister	60/-
french fries	40/-
masala fries	50/-





# DEPLOY AND PUSH OF CODE USING GIT

```
Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva
$ git init
Initialized empty Git repository in C:/Users/Alex D'souza/Desktop/TeamApurva/.git/

Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva (master)
$ git add .
warning: LF will be replaced by CRLF in .htaccess.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in browserconfig.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/animate.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/bootstrap.min.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/font-awesome.min.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/magnific-popup.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/owl.carousel.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/owl.theme.default.min.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css/templatemo-style.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in fonts/fontawesome-webfont.svg.
The file will have its original line endings in your working directory
```

```
Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva (master)
$ git status
On branch master
nothing to commit, working tree clean

Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva (master)
$ git branch -M main

Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva (main)
$ git remote add origin https://github.com/alex-dsouza777/TeamApurva.git

Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva (main)
$ git push -u origin main
Enumerating objects: 174, done.
Counting objects: 100% (174/174), done.
Delta compression using up to 4 threads
Compressing objects: 100% (174/174), done.
Writing objects: 100% (174/174), 23.28 MiB | 1.09 MiB/s, done.
Total 174 (delta 37), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (37/37), done.
To https://github.com/alex-dsouza777/TeamApurva.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.

Alex D'souza@Groot MINGW64 ~/Desktop/TeamApurva (main)
$ |
```

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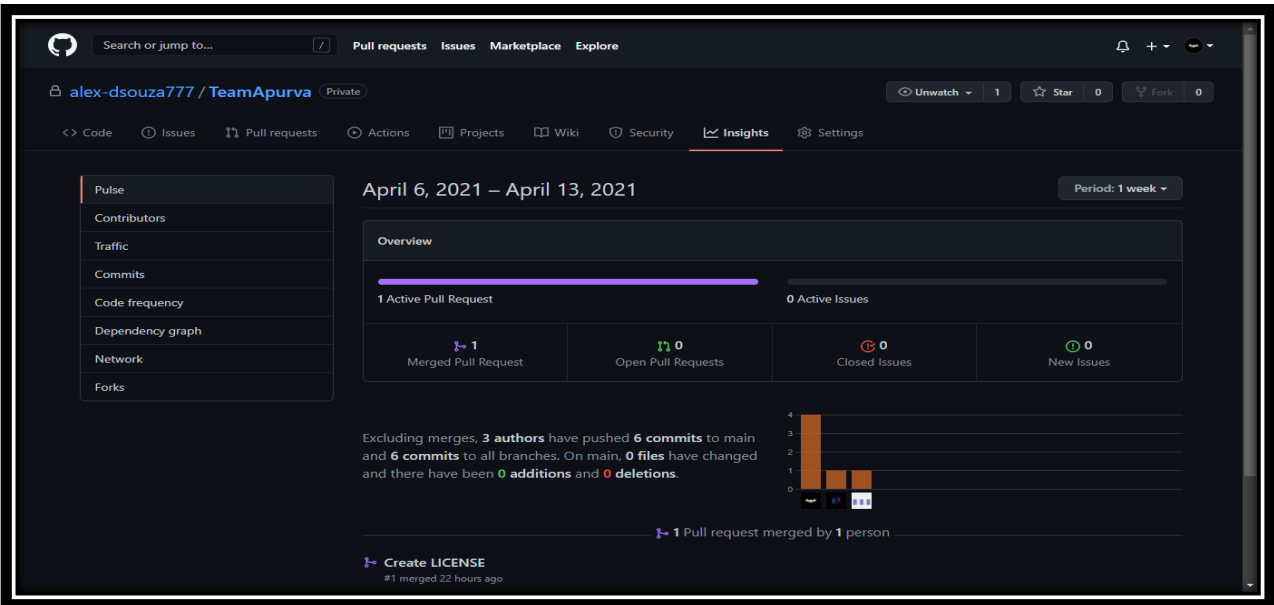
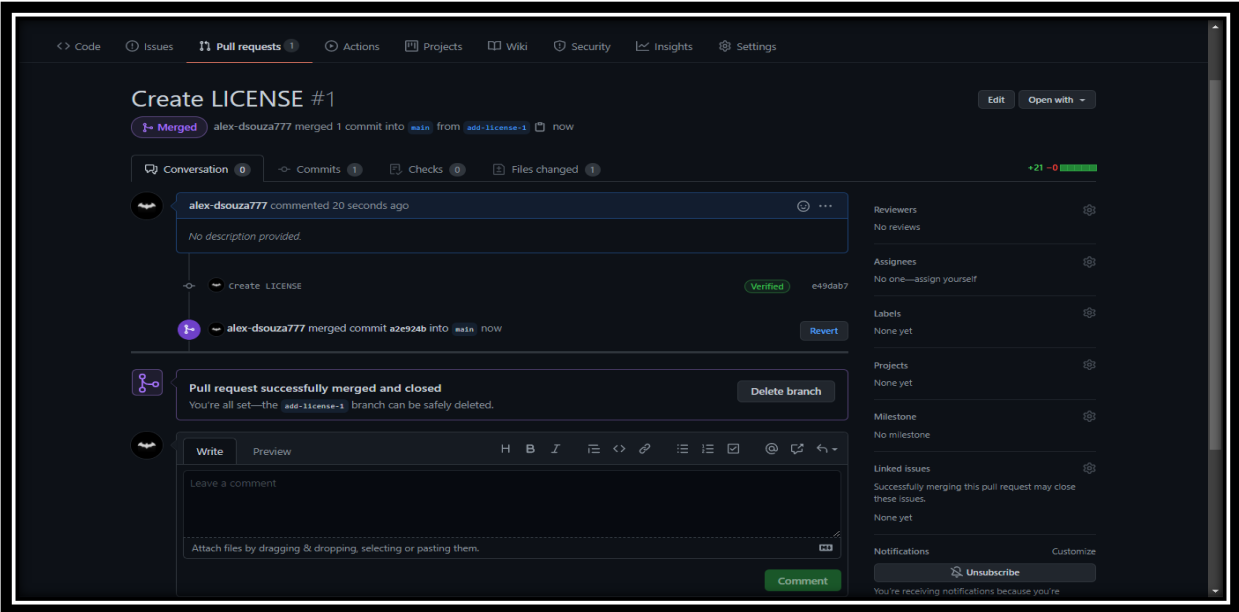
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Year ④2021

Full name ④Alex D'souza

Review and submit

19





# CONCLUSION

The Conclusion of the system is based on user's need and is user centered. The system is developed in considering all issues related to all user which are included in this system. Wide range of people can use this if they know how to operate android smart phone. Various issues related to Mess/Tiffin Service will be solved by providing them a full fledged system. Thus, implementation of Online Food Ordering system is done to help and solve one of the important problems of people. Based on the result of this research, it can be concluded: It helps customer in making order easily; It gives information needed in making order to customer. With online food ordering system, a restaurant and mess menu online can be set up and the customers can easily place order. Having a

restaurant menu on internet, potential customers can easily access it and place order at their convenience. Thus, an automated food ordering system is presented with features of feedback and wireless communication.

# FUTURE ENHANCEMENT

Allow customers to customise orders and reservation system.

Allow online payment and save details.

Allow to process order as guest.

Allow to find and choose nearby restaurant.

This order food online system project aimed at developing an online food ordering system which can be used in small places, and medium cities firstly and then on a large scale.

It is developed to help restaurants to simplify their daily operational and managerial task as well as improve the dining experience of customers.

And also helps restaurants develop healthy customer relationships by providing good services.

# Bibliography

1. [https://www.w3schools.com/bootstrap4/bootstrap\\_get\\_started.asp](https://www.w3schools.com/bootstrap4/bootstrap_get_started.asp)
2. <https://getbootstrap.com/docs/5.0/getting-started/introduction/>
3. <https://www.w3schools.com/css/>
4. <https://github.com/>