

Project Aim

IMPROVING CANTEEN SERVICE SYSTEM



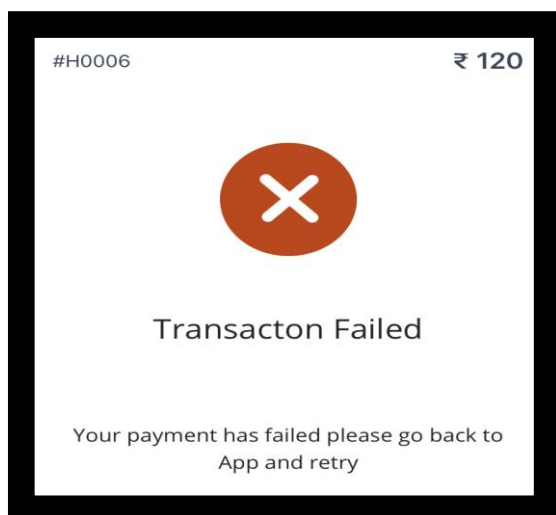
Problems faced in canteen

- *Huge crowd at the payment counter and service counter.*



- *Waiting for the food to be served will waste a lot of time.*

- *Food wastage.*

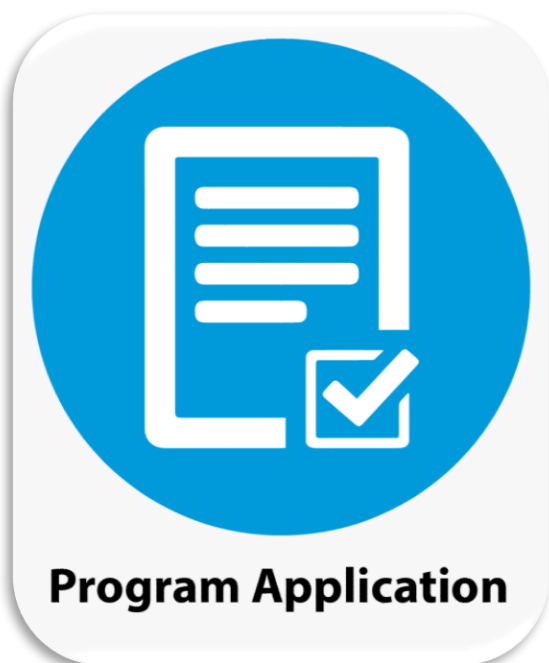


- *Payment problems.*



SOLUTION

- *So to solve this problem we are introducing a new application .By which he/she can download the app from the play store .And can order food without wasting time , fighting with the crowd In canteen and avoiding invalid payments.*



- *This application works on the token system where a student can order food from his class and he/she will be given a token number...When the token number comes he/she can go to canteen and take food ordered without wasting time*

- *This app also have a food analysis option where it will show the data of items ordered and their statics which will help the canteen staff to prepare the amount of food based on the preferences.*

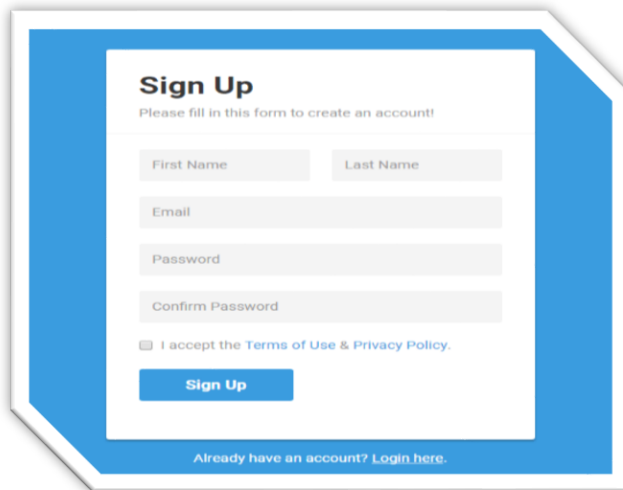


Please Turn Over.....

Working Procedure

Step 1: First the person using the app should sign up and create a profile .

NOTE: He / She can only sign up using our college mail only . If he / she uses their e mail the profile will not be created.

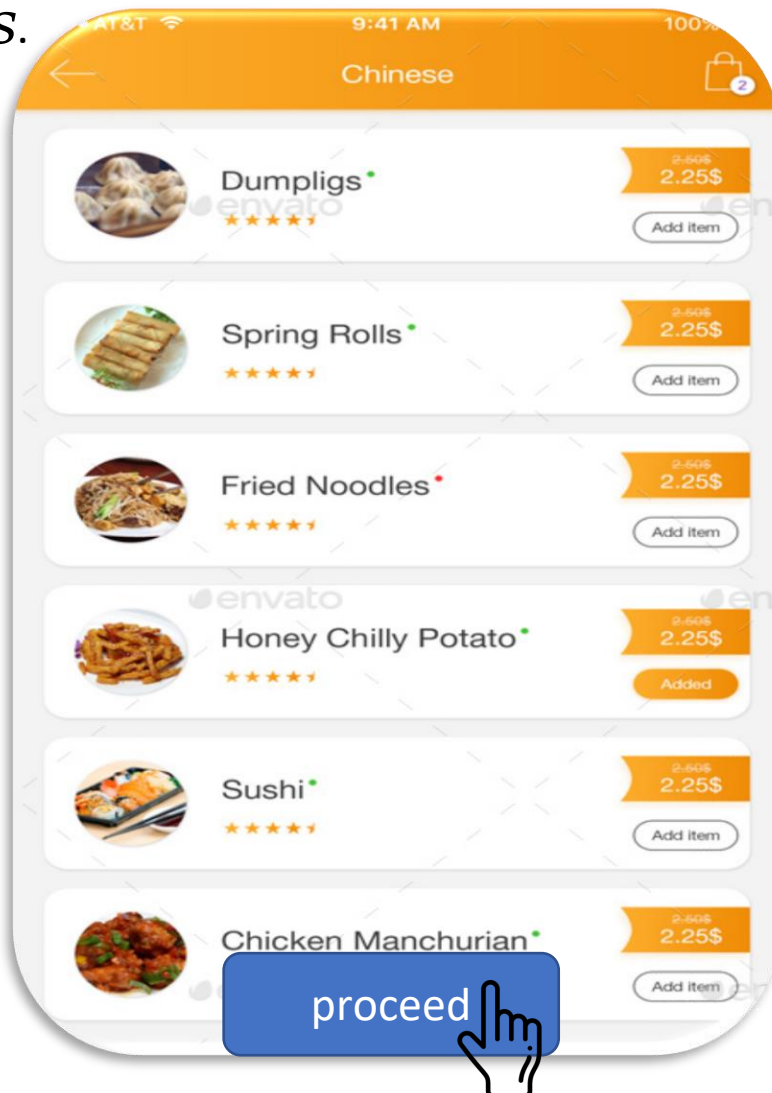
A screenshot of a 'Sign Up' form. The form is titled 'Sign Up' and includes the instruction 'Please fill in this form to create an account!'. It features input fields for 'First Name', 'Last Name', 'Email', 'Password', and 'Confirm Password'. Below these fields is a checkbox labeled 'I accept the Terms of Use & Privacy Policy.' and a blue 'Sign Up' button. At the bottom, there is a link that says 'Already have an account? Login here.'

Step 2 : After creating a profile ,then the main page will open which will have a *ORDER* option.



Step 3 :

- ❖ *After clicking the order option then a page will open which contains all the items with the cost price .Here he/she should click on the add item option .*
- ❖ *The person can add as many items he/she wants.*



Step 4:

After selecting the items which you want to order ,then click on the proceed option.

Step 5 :

After clicking on the proceed option then person will be directed to the payment window . Here he / she can do their payments by checking the amount displayed on the screen through platforms like Paytm , Google Pay, PhonePe by entering the correct details of the account.

PROCEEDING FOR
PAYMENT



paytm

Google Pay



PhonePe

Step 6: *After the successful payment the main operator will receive a notification of the order , then you will be given a token number .*

Step 7: *After receiving the token number . Click on the return home option and then keep checking the present token number or even the student will also get a notification before three token number of his/her token number, if your token number is near then you can go to the canteen and take the food ordered.*

ORDER PLACED
SUCCESSFULLY

Your token Number :

35



RETURN HOME

Working procedure of the Main Operator

- The working procedure of the main operator is different . This person will be signed up as a main where as the others will be signed up as a student .
- The main operator will have some special options as compared to the student profile...
- They will have a option “View orders” . This option will display all the orders received . The main operator will accept the order and the token will be given accordingly.



**MAIN OPERATOR here means the person who sits in the canteen counter for taking orders*

- *The next option is the “Token” , this option will be controlled by the main operator where the token number will be keep changing after the order is ready. The operator will also able to check The current token no. , number of tokens issued , number of Pending tokens.*

TOKEN DISPLAY

Present Token
number:
53
Total Tokens issued:
60
Pending tokens:
7



- *The other option is the “Analysis”. This analysis option shows the main operator the percentage of the item ordered and statics.*
- *By this the canteen staff will have a idea on how much food to be prepared and what type of food is more or less preffered .This helps to reduce the wastage of food.*

Analysis Of Food

Chicken biryani =12

Veg biryani=16

Meals=20

veg manchurian =10

Egg fried rice=8



BENEFITS OF THE APPLICATION

- ❖ Helps to avoid crowd , especially in this covid scenario social distancing is one of the important factor.
- ❖ Helps to save time .
- ❖ Helps to avoid payment issues.
- ❖ Helps to avoid food wastage .
- ❖ Improves the service system .

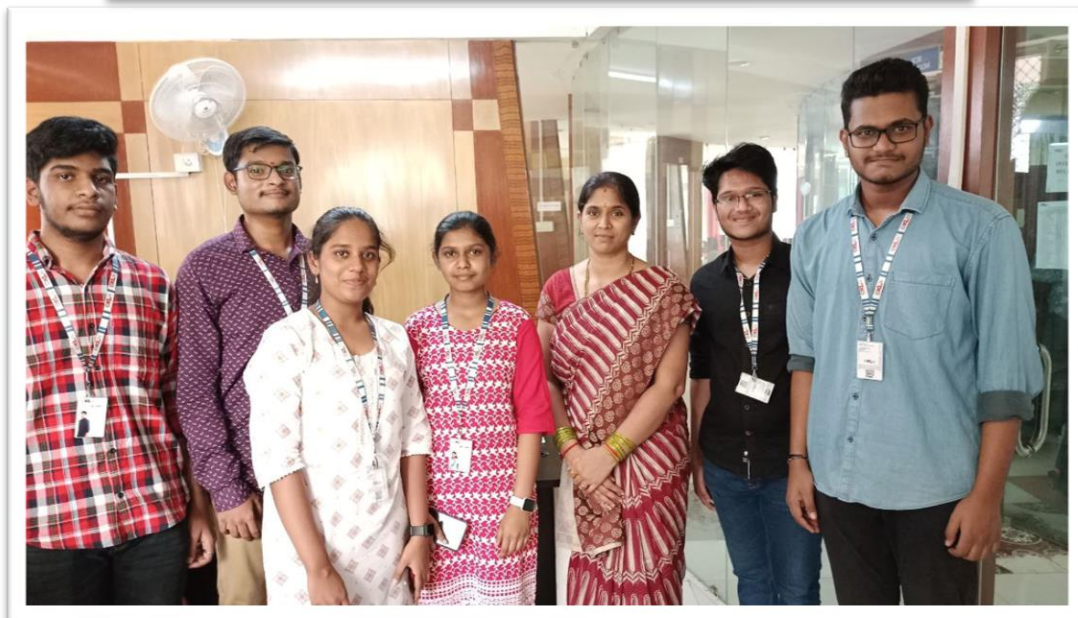
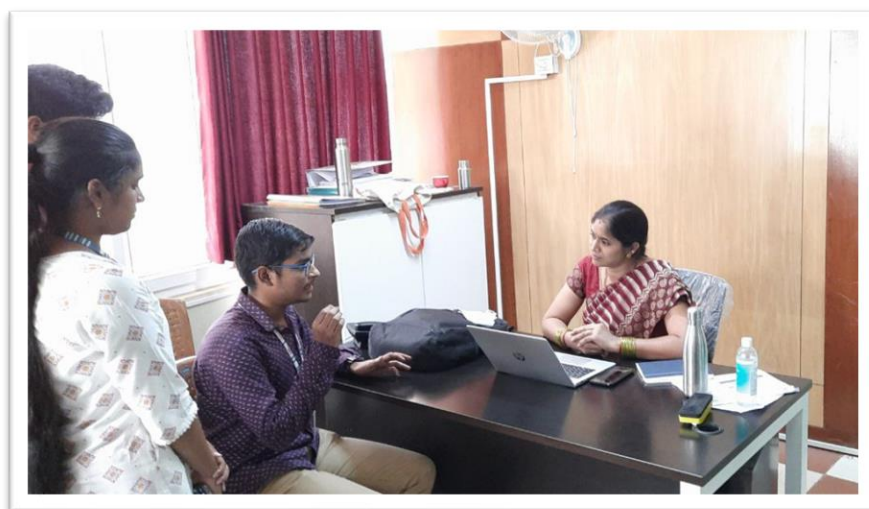


Faculty Survey

Questions we asked to faculty is that sir are u facing any problem with your college canteen system then they addressed some of the issues to us that is there is lot of crowd gathering at the canteen while serving and lots of time has been wasting and also they are the trouble while paying the bill app explanation to faculty we explained them to solve this we came up with a solution that is we want to build a app for our canteen which will make services so better and easier to users and this app helps you in pre booking the order and the payment can also be done in both the online and offline payment system detail procedure id when u place your order in app then u will get a token number to u and after u reaching to the canteen then u can collect your food by token number order and u can also track your food preparation updates also this will give a clear picture to the customer about this order and duration to make it



review by faculty after listening the hallow procedure then our faculty said that yes its great idea and its very useful to our college a lot and it will save lot of time for students and it will also increase the profits of canteen people also inputs of the faculty respected faculty people suggested us be careful payment system make it secure and safe for the users also and also make the app user friendly and easy to access by everybody >>make the menu clear and also they told us to keep a special login page for only KLH email id people to use it . Finally they told us all the best to our project and they said we hope this will make huge difference in food system at KLH and all your names cherish and we are always their to support u guys and any help please contact us Thankyou sir/madam for your valuable inputs .



Canteen workers issues:


->The main important role in the service system is played by canteen workers...Where different types of food or snack being prepared by the workers with a lots burden because the cooks in the kitchen should work on and on depending upon their orders and on other hand the workers should help the cooks and they have to service to the students and customers...

->And when the customers are so crowdy it will be difficult to mange the whole system. .and there will be lot of suffocation it may leads to waste age of food.. so

this will leads to struggle the workers to clean all the stuff. .betterment to their life:

->So,to make their life better we can implement an application by that they can survive their life somewhat better rather then struggling continuously...(in which they take break in the middle of the canteen service system)..

->By observing all the problems of the workers in the canteen we able to know their difficulties and started to innovate their problem by applying a simple

application by which they can move their life flexibly with some breaks (free time  or a little rest for them)...

->This implementation of application is not only used for the workers it is also used for many others like students,faculty,chef,parents or any other customers who visits our college,,

->Purposes of making this APP is to reduce the time complexity of everyones...this app is useful for everyone who will use it...so,everything will be on time...

->On the survey of the canteen workers we have identified the problem and then we have innovated..after saying about this application they felt relax for one time and there was blissful moments at that time..so,after seeing this we get more motivated by their moments and we goona do our best for the good successful results..



Chef Inputs

Questions:

We went to the canteen kitchen and interacted with the chef over there ,we asked him that “are there any problems regarding the college canteen system? ”,then he addressed some of the issues that they are facing problem while serving number of items at a time as there is so much crowd gathering near counter section.

App explanation to chef: We explained him about the solution that we came up with ,that is we want to create an app for our canteen which will be very useful for everyone ,it is based on token number system ,we can place order anytime from anywhere and when the order is booked we will get a token number, we have to get the order when your respected token number is displayed on the dashboard and about payment it will both offline and online so It will be very easy during bill payment.



We explained him that it will help him to look at the orders and serve the customers without any rush and also he can get the rough idea to prepare the food that is required at that particular time.

Review by chef:

After listening about our solution he liked the idea and said yes to our project. he also said that it is very useful for us to serve without any rush and also it will be very useful to customers to take the order in organized way without any clumsiness.

Thank you for your review, we hope we will do our best to make this project successfull.



Students and seniors content

Before going any further into the idea of our canteen project, it is important to take reviews and suggestions.

Review from student1

☐ Last Saturday he wanted to have lunch in canteen with his other 4 friends but due to the crowd and the delay in food delivery he had to wait for almost 15 mins, Due to this reason he even went late to class.

☐ To counter this problem we explained the whole idea of the app and he appreciated the idea and thought that it would be helpful in future to all the students and teachers.

Review from Student 2

☐ One day this student forgot to bring lunch so he thought of having lunch in the canteen. He was very hungry. When he reached canteen he saw that canteen was so packed and completely filled, especially the billing area was also filled. He had to wait for almost 20 mins for his order.

☐. That was a sad experience. When he got to know about our idea he was so excited about the app and when it is releasing. He also added there wont be any waiting for food.

Review from Seniors:



☐ Many times the seniors woke up late to college, not gonna lie even we did many times. So they missed breakfast at their home. They planned on eating their breakfast In canteen, Our college canteen has a facility to eat breakfast, so when our college bus reaches the college its already 8. He went and ordered his breakfast, It took so much time in preparing the food. Due to this reason he had want late to his class and that missed very important topics.

☐ He told us that the app is the perfect solution to all these kinds of issues.

So, for all these kind of issues our app is a excellent solution for present and the future too



PERSONA OF A WORKER IN CANTEEN

Name: Thought-full Ramesh

Place: Kurnool (Ap)

Age: 42

Region: India

Status: married

Family : wife & 2 children's

User values:

- he own word and trust of the owner.
- also Being respectful, honest and transparent.
- he has a good learning attitude.

Interest in : cooking.

Education : high school drop-out.

Lifestyle : simple & normal.

Hobbies : learning new dishes etc.

Goal: to become an owner of a five star restaurant.

Behavioral patterns: calm, emotional at some times and positive person.



PERSONA OF STUDENT

1

Name: Rocky Suhas

Place: Hyderabad (TS)

Age: 18

Region: India

Status: Single

User values:

→ Self Confidence

→ Ability to do hard work

→Critical Thinker.

Interest in : →Volunteering

→Reading Books

Education :B.Tech 2ndYear CSE

Lifestyle : Simple & Time punctual.

Hobbies :Watching and listening podcasts.

Goal: To become a Superstar

Behavioral patterns: calm, emotional at some times and positive person.



PERSONA OF STUDENT 2

Name: Arjun Reddy

Place: Hyderabad (TS)

Age: 20

Region: India

Status: Single

User values:

- Self motivated
- Collaborative spirit
- Curiosity

Interest in : → Playing brain Games

→ Exploring New Technology

Education : B.Tech 3rd Year CSE

Lifestyle : A Social media influencer.

Hobbies : Watching Cricket and modifying PC.

Goal: To become damn Rich.

Behavioral patterns: calm, cool and positive person.



PERSONA OF CHEF

Name: Chef Sundar

Place: Hyderabad (TS)

Age: 38

Region: India

Status: Married

User values:

→ Self motivated

→Humble

→Caring

Interest in : →Cooking

Education :Degree passed out.

Lifestyle :Simple and happy.

Hobbies :Listening music and dancing.

Attitude: Polite and friendly.

Goal: To go abroad.

Behavioral patterns: calm, cool and positive person.



PERSONA OF A LECTURER

Name: Narender Rao

Place: Hyderabad (TS)

Age: 48

Region: India

Status: Married

User values:

→ Truthfulness

→Humble

→Dignity



Interest in : →Exploring new things

Education :Ph.d in Mathematics.

Lifestyle :Simple and happy.

Hobbies :watching youtube

Attitude: Polite and friendly.

Goal: To become a principal.

Behavioral patterns: calm, cool and positive person.

TEAM MEMBERS

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- 2110030293-Subrahmanyam
- 2110030315-Aishwarya
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