

Problem Statement

Information through which **planning**, **choosing**, **ordering** and **delivery** of food orders is scattered over multiple media which adversely affects the decision making process, not aware of all the choices available and leads to wastage of time.

Initial Brief from Clients

To get food delivered from local restaurants and food joints in just a few taps. Trying to make a mobile focused platform for Home Delivery which is personal, social & helps user to save their time & take better decisions.

Essentials

- Changing behaviour of food ordering from phone-call to mobile application.
- Identify filters according to personalised preferences.
- Reducing decision and ordering time.

Desirables

- Addressing the group dynamics of decision making and payment.
- Multiple restaurant ordering.

Secondary Research

Plan to eat out(Anticipate)

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Plan to eat out(Anticipate)

Choice of food

- Pamphlet

Plan to eat out(Anticipate)

- Pamphlet
- Online menu

Plan to eat out(Anticipate)

- Pamphlet
- Online menu
- Previous order

Plan to eat out(Anticipate)

- Pamphlet
- Online menu
- Previous order
- Recommendations

Plan to eat out(Anticipate)

Choice of food

Make a decision

- Pamphlet
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Plan to eat out(Anticipate)

Choice of food

Make a decision

Find offers/ discounts

- Pamphlet
- Online menu
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Plan to eat out(Anticipate)

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- Pamphlet Deals

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Plan to eat out(Anticipate)

Choice of food

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- Pamphlet Deals

- Coupons Codes

Plan to eat out(Anticipate)

Choice of food

Make a decision

Find offers/ discounts

- Pamphlet
- Online menu
- Previous order
- Recommendations

- Pamphlet Deals

- Coupons Codes
- SMS Offers

Make a Plan to eat Find offers/ Place the Choice of food decision Order out(Anticipate) discounts - Pamphlet Deals - Pamphlet - Coupons Codes - Online menu - Previous order - SMS Offers - Recommendations

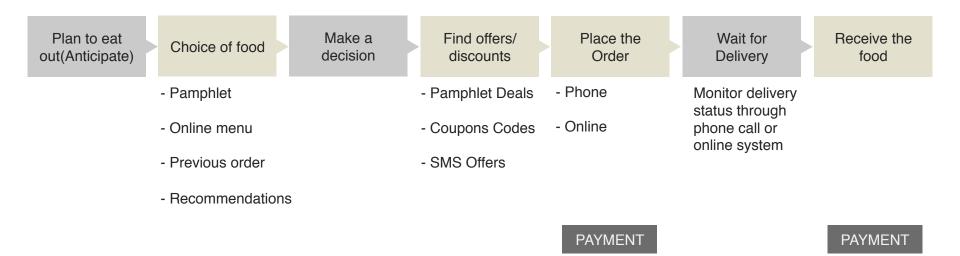
Make a Plan to eat Find offers/ Place the Choice of food decision Order out(Anticipate) discounts - Pamphlet Deals - Phone - Pamphlet - Coupons Codes - Online menu - Previous order - SMS Offers - Recommendations

Make a Plan to eat Find offers/ Place the Choice of food decision Order out(Anticipate) discounts - Pamphlet Deals - Phone - Pamphlet - Coupons Codes - Online - Online menu - Previous order - SMS Offers - Recommendations

Make a Plan to eat Find offers/ Place the Wait for Choice of food decision Order Delivery out(Anticipate) discounts - Pamphlet Deals - Phone - Pamphlet - Coupons Codes - Online - Online menu - SMS Offers - Previous order - Recommendations







Phase 1 PLANNING			Phase 2 ORDERING	Phase 3 DELIVERY		
Plan to eat		Make a	Find offers/	Place the	Wait for	Receive the
out(Anticipate)	Choice of food	decision	discounts	Order	Delivery	food
	- Pamphlet		- Pamphlet Deals	- Phone	Monitor delivery status through	
	- Online menu		- Coupons Codes	- Online	phone call or online system	
	- Previous order		- SMS Offers		,	
	- Recommendations					
				PAYMENT		PAYMENT

Aspiring Adolescents	Mimic Beginners	Newbie Shopaholics	Responsibly Spendthrift	Cautious Spenders	Relaxed Indulger
14-17yrs	18-21yrs	22-25yrs	26-30yrs	30-40yrs	40-45yrs
Financially depend on their parents	Highly aware of the options and trends	Either enrolled in PG studies or just entered their professional careers.	High focus on professional growth and may have recently married	Have financial and social commitments, usually towards	Full-filled their financial and social responsibilities
	College students			their growing children and ageing parents	

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Primary Users

18-21yrs (Mimic Beginners)

22-25yrs (Newbie Shopaholics)

26-30yrs (Responsibly Spendthrift)

Secondary Users

Restaurants/Standalone Outlets

Franchisee

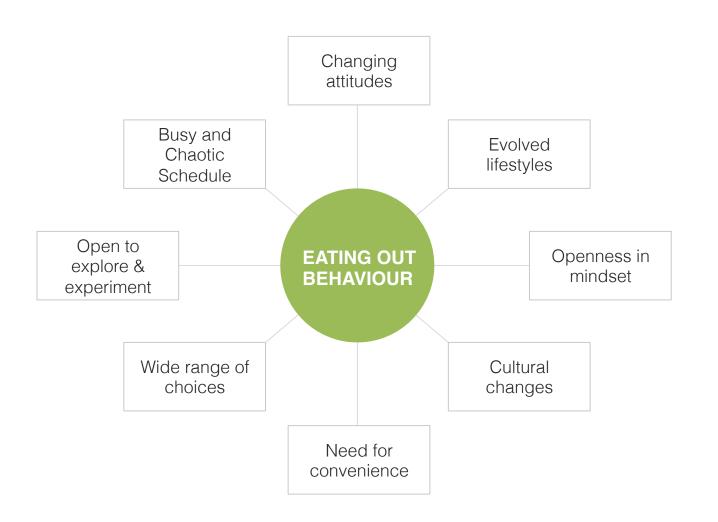
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Restaurants/Standalone Outlets

Franchisee



PROBLEMS

Time consuming process

- View the menu card online/pamphlet/memory
- Decide the cuisine
- Search for the number
- Call the restaurant to place the order
- If the restaurant is closed/dish is unavailable, go through the entire process again.

Personalization

- I don't like calling because they give a lot of alternative options for customization which confuses me.
- After placing the order they inform either the meal is not available or the place is closed.

Extra services

They message and call a lot! It's very difficult to get the coupon. You
have to do Google search for the valid coupon code and stuff.

PROBLEMS

Payment

 Can't pay directly by card. Cash on delivery at times becomes a huge task. Have to withdraw from the ATM before the food gets delivered.

Location

 Describing the Address(building number) over phone takes a lot of time.

Group Order

- It's difficult to keep a track on who paid how much. The person who orders has to collect all the money and return the change individually.
- The money is usually split equally but sometimes it's divided according to who ordered what.
- Everyone has different choices of cuisine/combination of food they want to eat while ordering together.

PROBLEMS

Repeat Order

- Have to repeat the order every time in subway.
- Too lazy to order something new or explore.

Healthy food

- Young adults lack the knowledge and skills necessary to manage a nutritious eating pattern.
- Young adults already have vague nutrition goals, such as being healthy. What they lack is the comprehensive picture of whether their current habits are fulfilling of those goals.

KEY FACTORS DETERMINING REPEAT ORDERS FROM A FOOD OUTLET



MOTIVATORS FOR A FIRST TIME RESTAURANT ENGAGEMENT



Recommendations from friends and family



New Cuisine options



Special offers and discounts



Location & Approachability

EXISTING SOLUTIONS



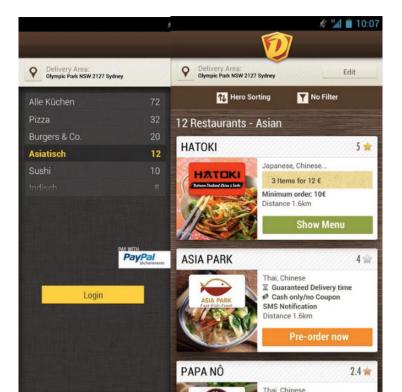






EXISTING SOLUTIONS



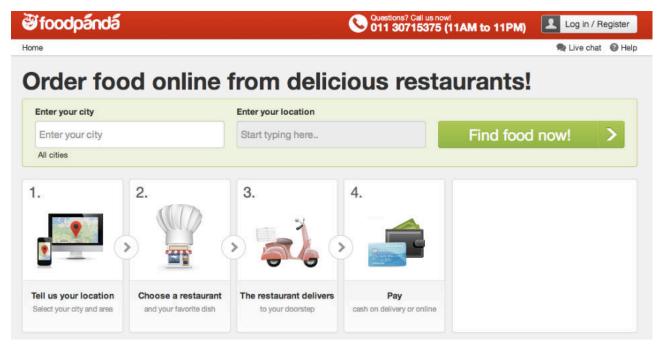






EXISTING SOLUTIONS





Ordered multiple times and in all instances user was informed that the restaurant will not be able to deliver.

Having selected the city, user can't find the area in the list. If they pick a nearby area, they can't find the street in the list.

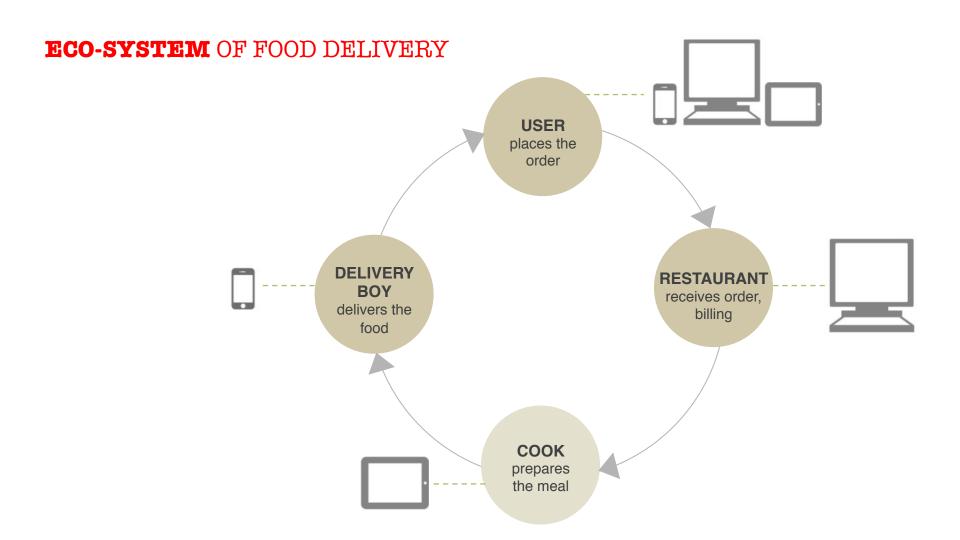
Order not processed a multiple times.

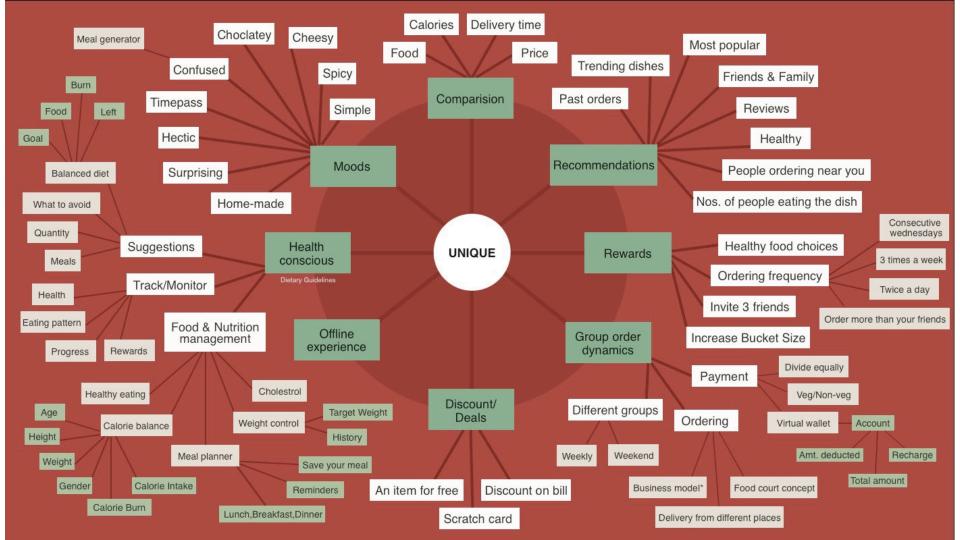
The bill from the restaurant for the food was found to be less than what food panda had charged.

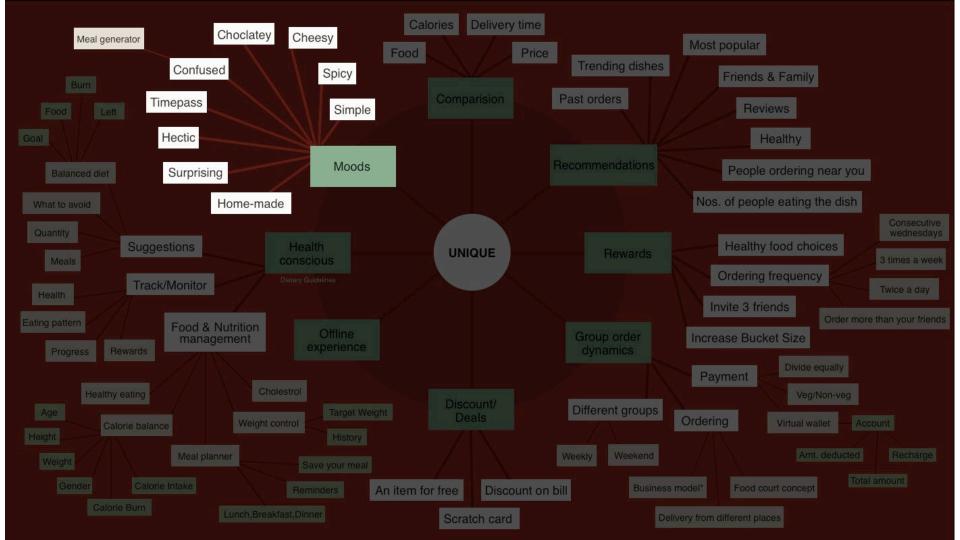


GROWING PROMINENCE OF TAKEAWAY

- Increasing disposable incomes clubbed with work and hectic schedules.
- Increasing congestion levels and longer waiting times.
- Access to internet and mobile communication has scaled up demand has made it more convenient.
- Office goers staying away from their hometowns prefers home delivery instead of dine-in and cooking.
- Busy and chaotic lifestyle has increased the demand of home delivery system.







Moods

Confused/Hectic/Home-made/Surprising/Timepass/Spicy/Cheesy/Choclatey/Simple

MENU GENERATOR

STARTERS



MAIN COURSE



SIDES

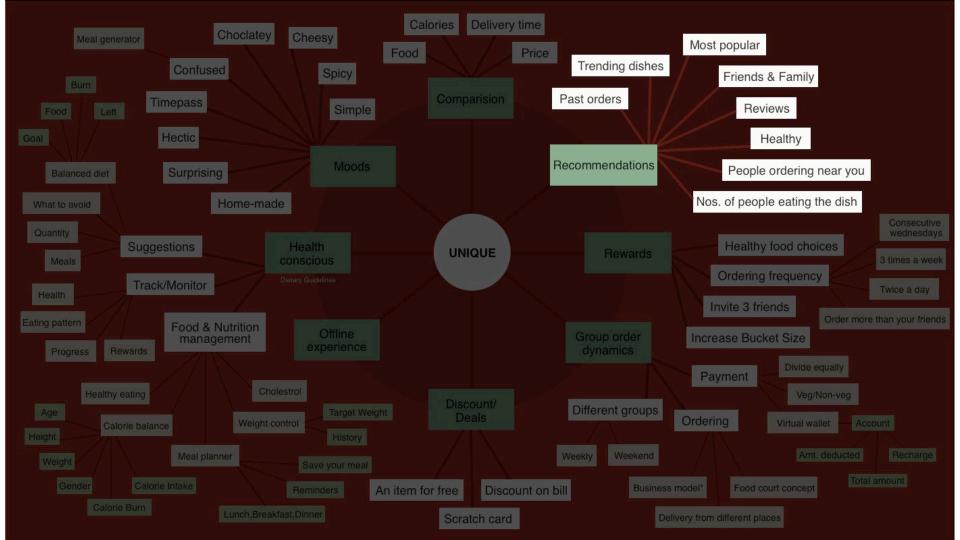


COMBO MEALS



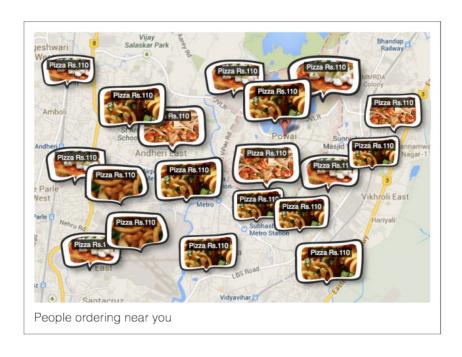
Order

Generate new!

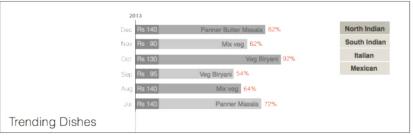


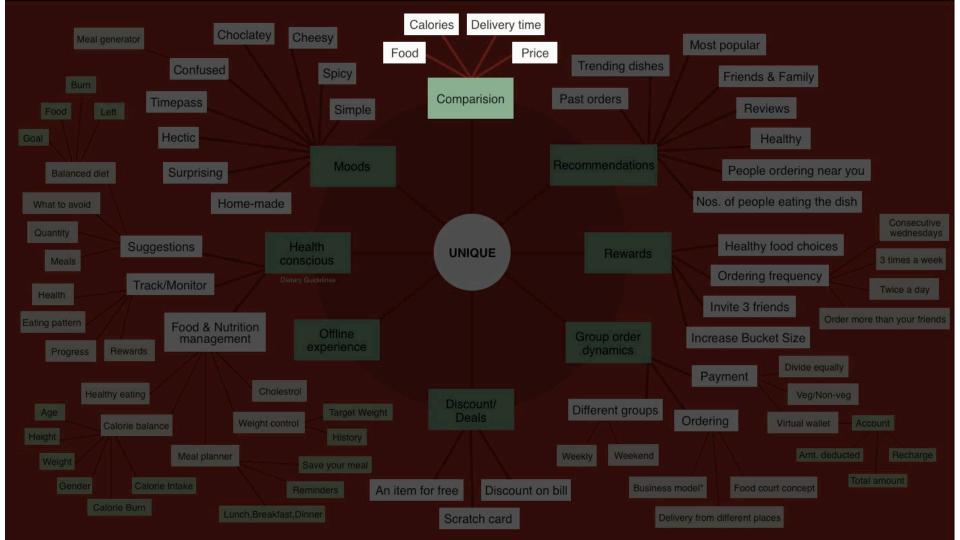
Recommendations

People ordering near you/Past Orders/Trending Dishes/Most popular/Friends&Family/Reviews/Healthy/Nos. of people eating the similar dish









Comparision

Calories/Price/Delivery time/Delivery charges/Offer/Recommendation



SIMILAR DISHES



Country Special Pizza Hut



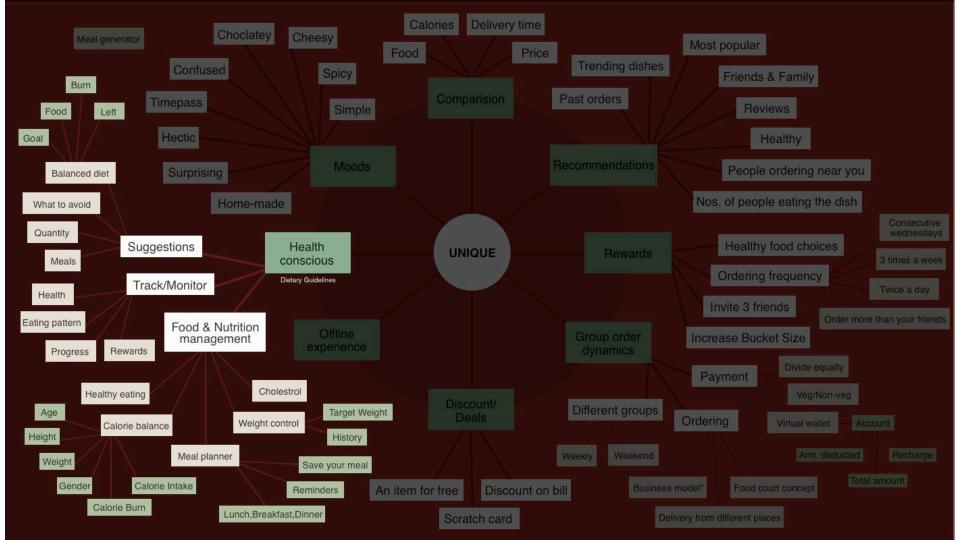
Country Special Pizza Hut



Country Special Pizza Hut



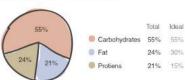
Country Special Pizza Hut



Health conscious

Track and monitor your health/Food and nutrition management/Calorie balance/Plan your meal/ Eating pattern





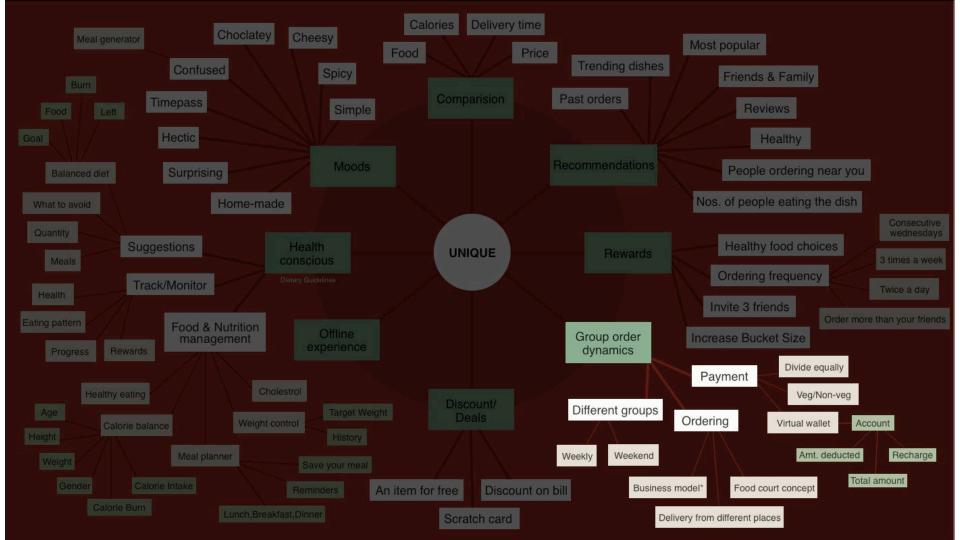




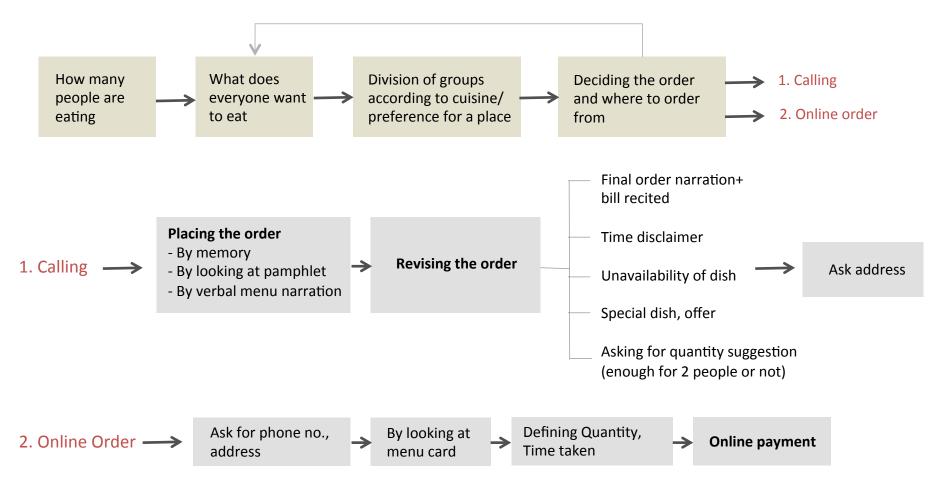


Calorie Left

Calorie Intake



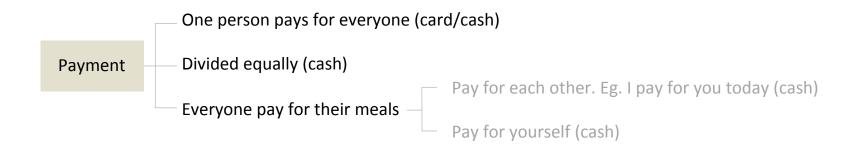
Existing group order system



Group Dynamics

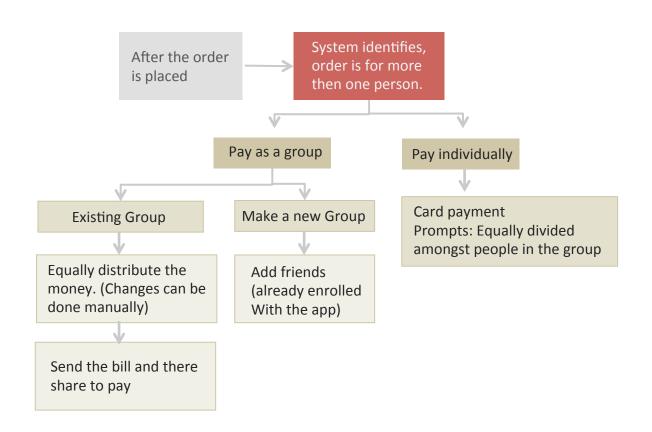


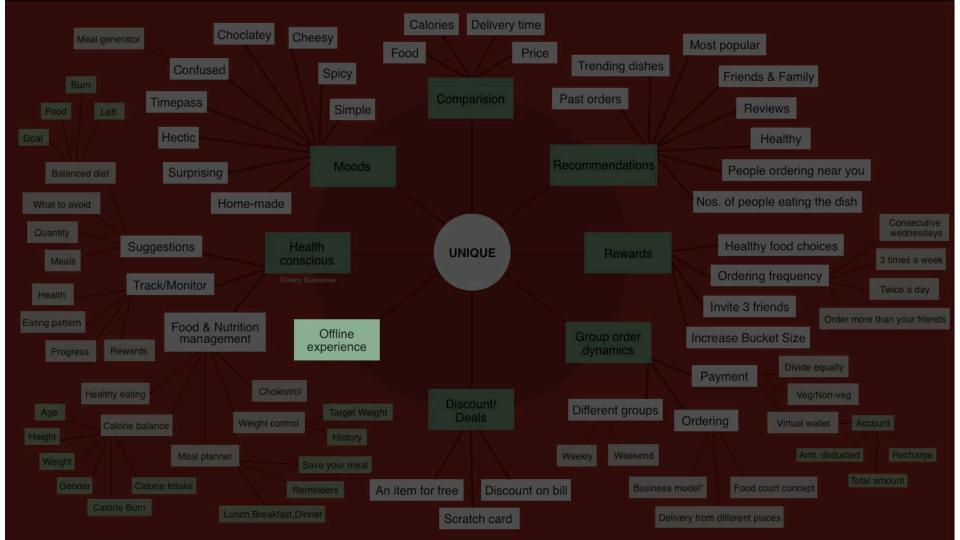
Group Dynamics



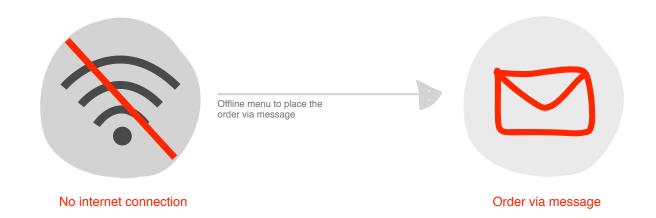
There is no system to split the payment of the order by card.

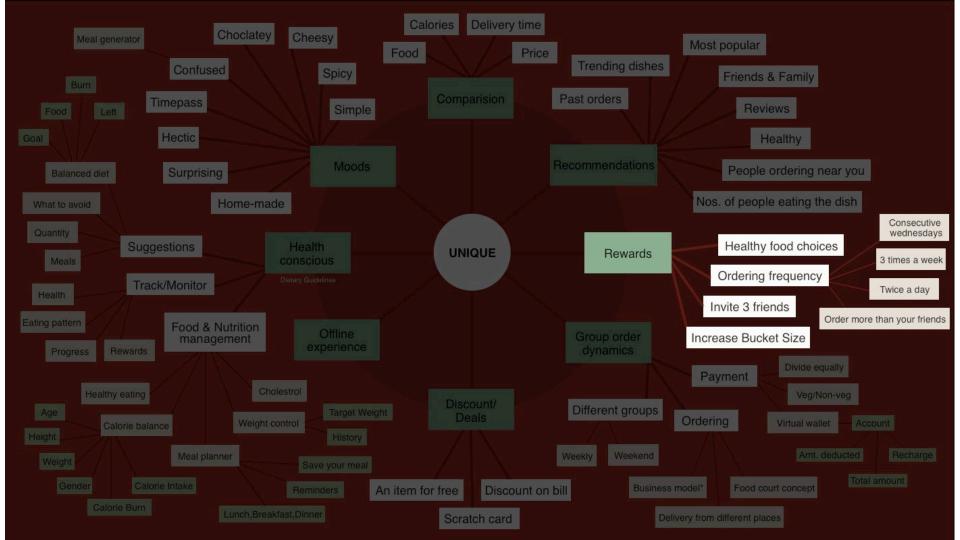
Proposed Group System

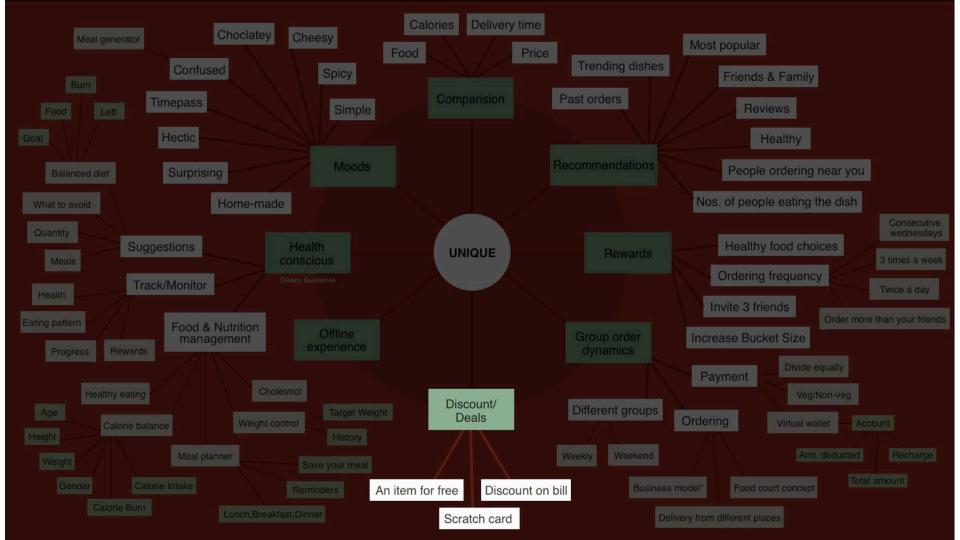




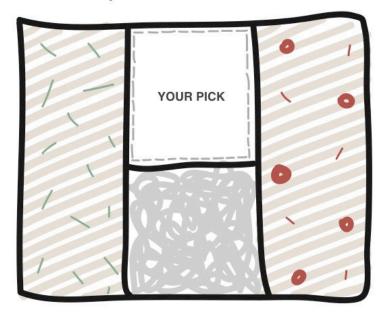
Offline experience







Make your lunch box/dinner box





Plan and Schedule your orders

< Jan 2014 >				
Confirm	Unconfirmed	Cancelled	Delivered	Failed
01 Jan	02 Jan	03 Jan	04 Jan	05 Jan
06 Jan	07 Jan	08 Jan	09 Jan	10 Jan
11 Jan	12 Jan	13 Jan 11:00 am Mc Donalds Rs 2425.00	14 Jan	15 Jan
16 Jan	17 Jan	18 Jan	19 Jan	20 Jan

Useful for office managers who want to schedule team lunches, board meeting breakfasts, friday happy hour snacks in advance etc.

Filters



Enter the cost of your meal



Veg/Non-veg/Egg

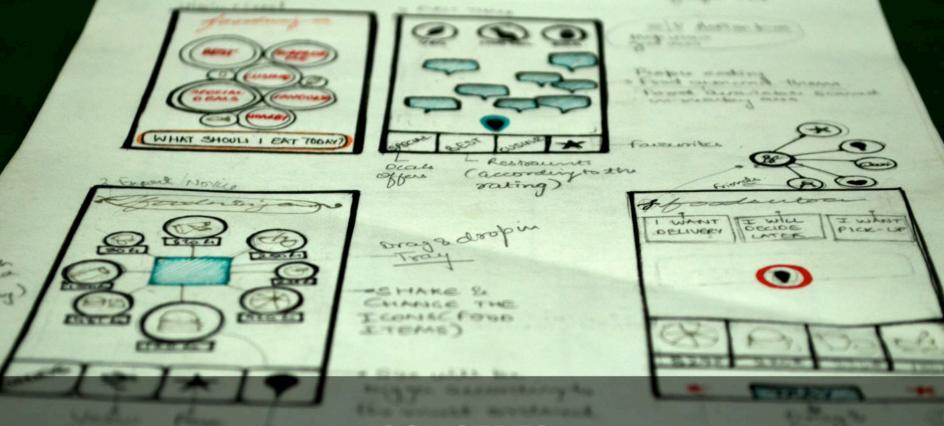








Discount/Deals

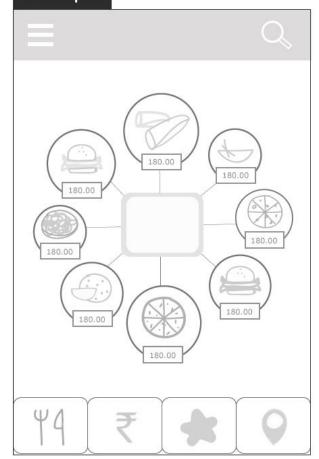


CONCEPTS

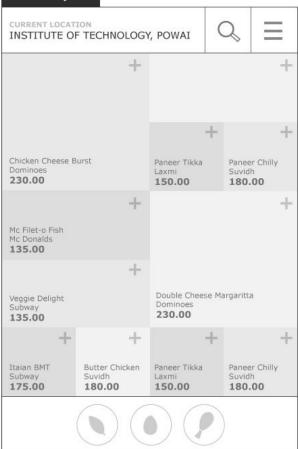
Concept 1



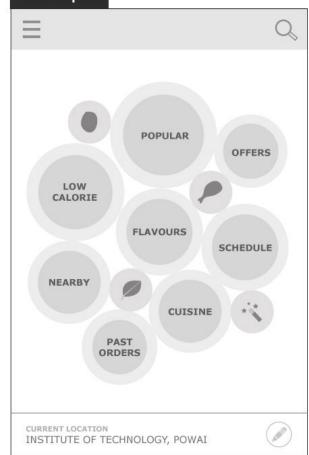
Concept 2

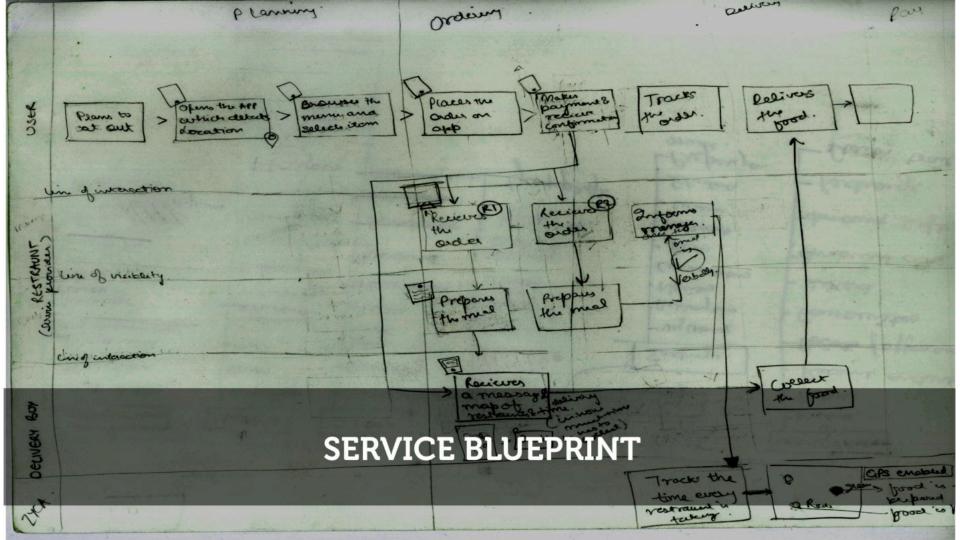


Concept 3

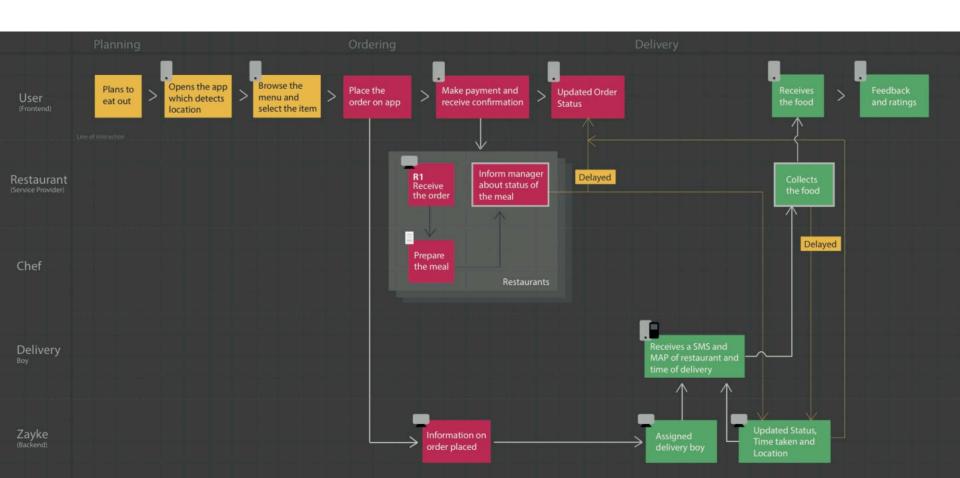


Concept 4

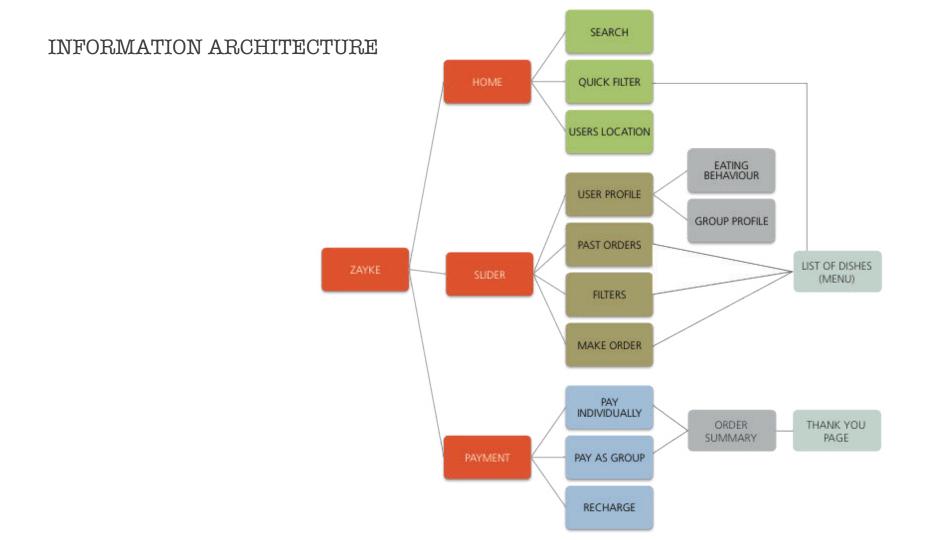


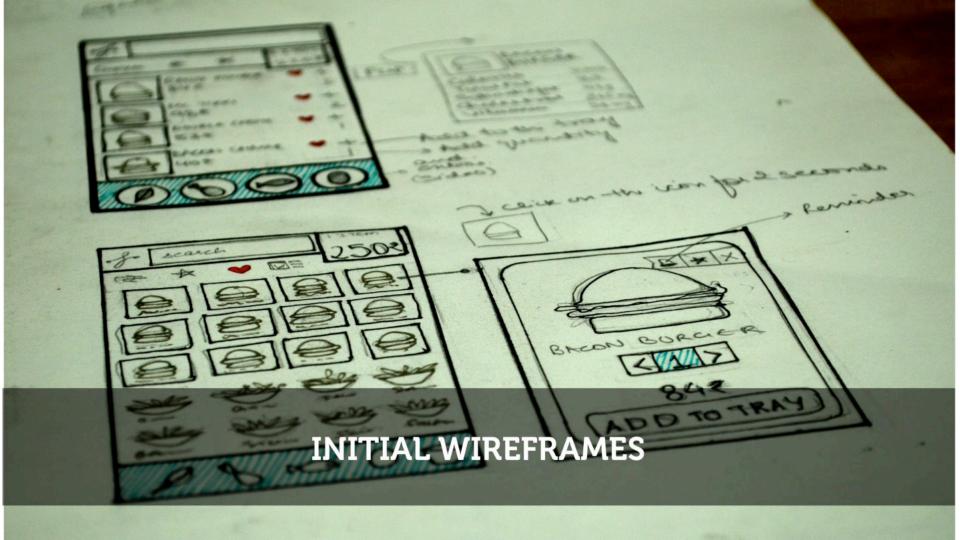


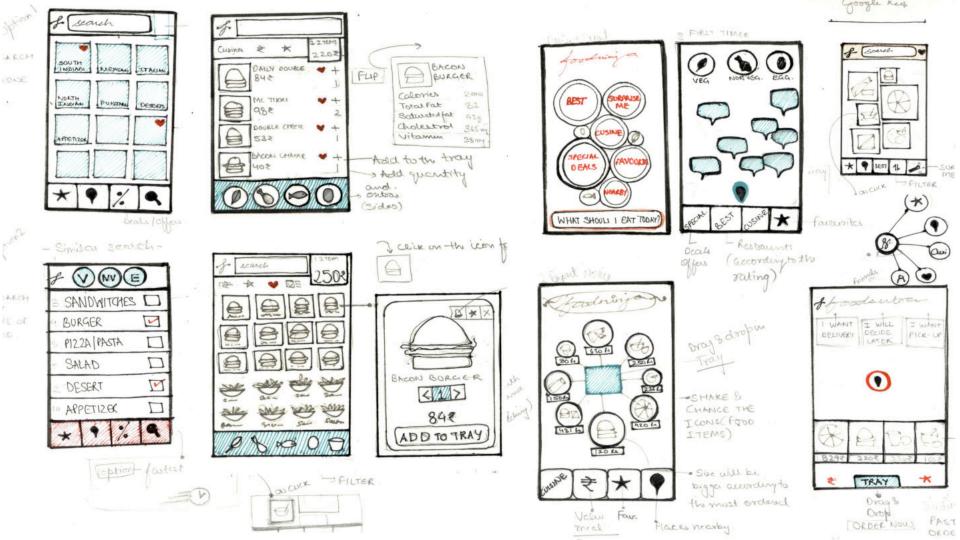
SERVICE ECOSYSTEM



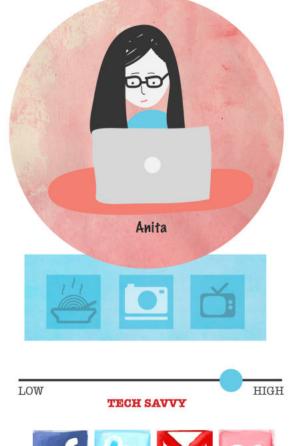
USER PROFILE THANK YOU PAYMENT ORDER MENU may HOMESCREEN card Pidou Custonistin Dish dang - Past orders Recent orders Details Name + Quentity · Nocation Settings. Paice People near - Ad Mound Nett Addus Forewites Restraunt · sides Relivery time Frack Jorder rellyound-Neerby Place order Cummidations Ess what new Delivery time 5 trusunt leas Colories (Nut. isures Nutrieurs truamp-- Cuianes Scheduly arber INFORMATION ARCHITECTURE







SCENARIO



NAME: ANITA SHARMA

AGE: 25 YEARS

CURRENT LOCATION: MUMBAI

WORKS IN MINC

She stays in an apartment with three other girls from different offices. Like others, she is quiet tech savvy and this is her second smart phone.

She's fairly active on social platforms like facebook, twitter, instagram.

As the girls have different working hours, instead of keeping maid they decided to cook their own meals. Due to lack of time, they end up ordering from outside every second day.

Anita is not as health conscious as her flatmates, who keeps track of what and how much they are consuming on everyday basis.

In office, Anita generally orders food from outside, as she and her colleagues are tired of the same canteen food.

ANITA'S DAY AT WORK WITH HER COLLEAGUE KAVITA FROM MARKETING DEPARTMENT - TUESDAY

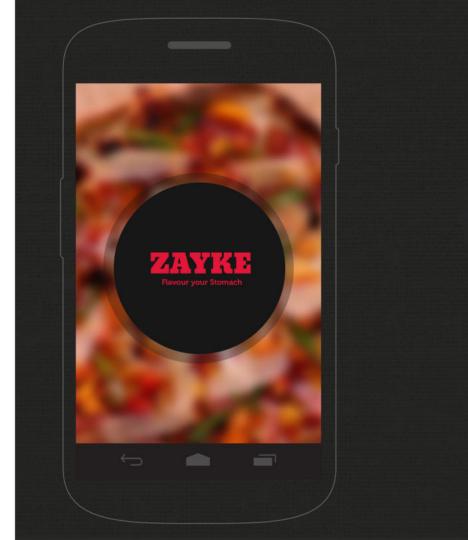
As the team is on sprint, Anita is spending most of her time with the marketing department.

On the first day at lunch, the team decides to order food from outside as they miss the lunch time due to a meeting.

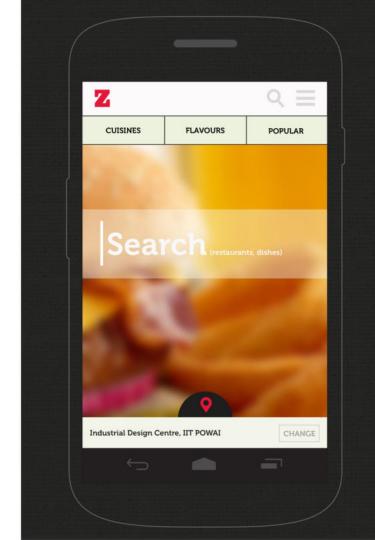




Kavita takes the lead and opens her app **ZAYKE** to order food for her team. They decide the cuisine and let kavita order for everyone.



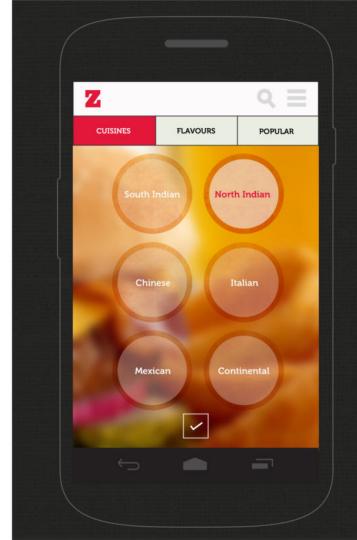
ZAYKE Homescreen



Homescreen > Cuisines

The group collectively decide to eat North Indian food and let kavita order for everyone.

Kavita taps on the cuisine option and selects north indian food.





Cuisines > Restaurant

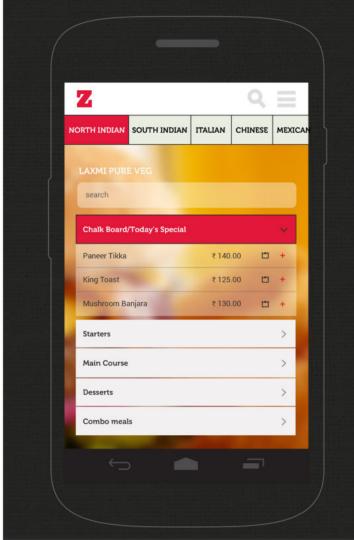
After selecting north indian cuisine, the app shows a list of restaurants offering the food which falls under the category. It also shows the time of delivery.



Restaurant > Menu

She selects a nearby restaurant and gets a detailed menu with all the dishes available.

(Search bar for the restaurant is open by default for quicker results)



Menu > Tray

Kavita starts adding the dishes from menu. A tray from bottom appears showing the number of items selected and the total amount.



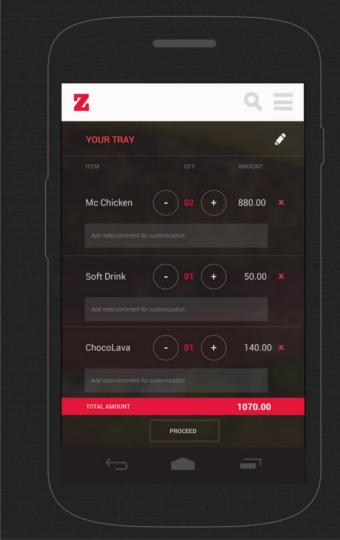


Tray > Customize

Once the order is decided, Kavita taps on the tray to view and customize the food items she has ordered.

The tray can be customized by increasing/decreasing the quantity of the food and adding personal notes if needed.

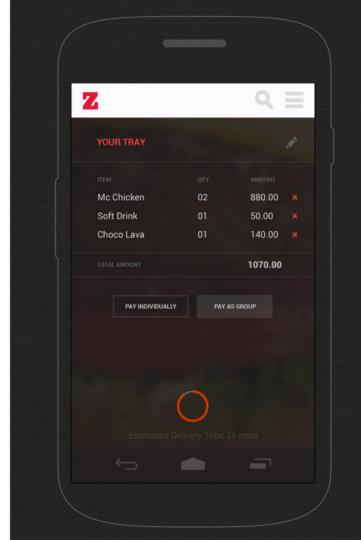
After customization, Kavita taps on PROCEED to go on the next screen.





Customize > Pay

The order is fixed and now she proceeds to payment. As it's a group order, Kavita taps on PAY AS GROUP.

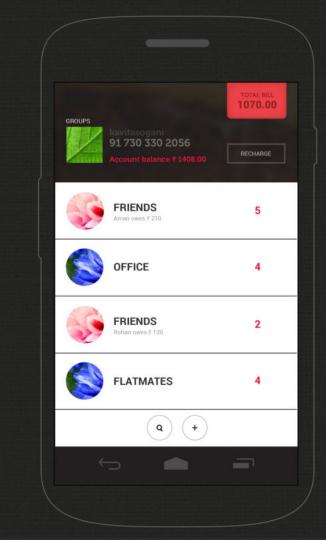




Pay as Group > Groups

This screen displays different groups. Kavita's current account balance and the total bill amount.

Kavita selects OFFICE. All the member's apart from Anita are already a part of the group.



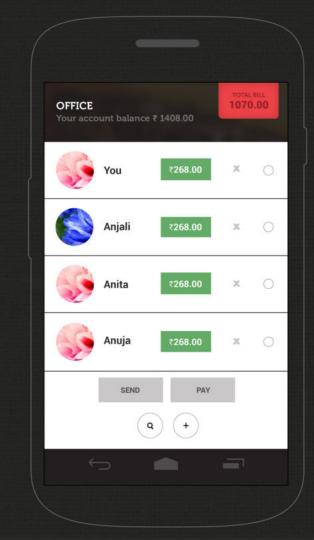


Group > Office Group

She then realizes that Anita is new to the app and has not yet opened a wallet with Zayke.

Kavita adds Anita to the group and the amount is automatically split equally. (The amount can be changed manually if required)

She sends the amount to all the people in group.

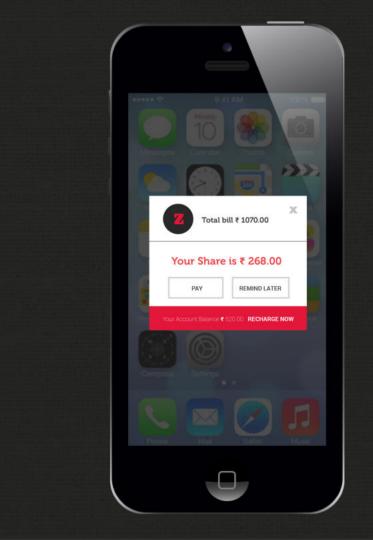




Send > **Notification**

Anuja and Anjali receives a message on there phone regarding there share which they can either pay now or later.

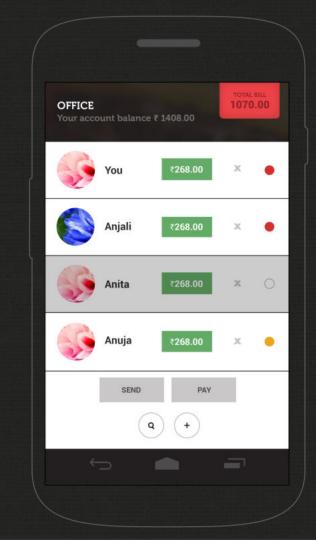
Kavita also suggests Anita to register for the app as they would be ordering almost everyday from outside.



Group > Office Group

Once the amount is paid by Anjali and Anuja, Kavita gets a notification and the status turns in red.

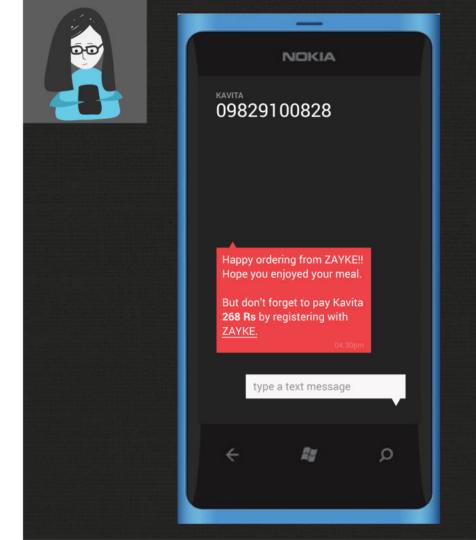
Kavita invites Anita to join the group and being the admin for today she pays for Anita's meal.





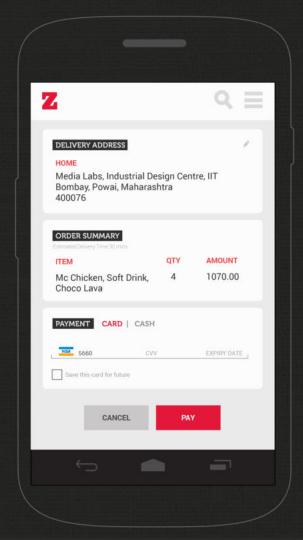
Send > Message

As soon as Kavita adds Anita to the group, Anita receives a text message on her phone to register with ZAYKE and it also displays the amount she owes Kavita.

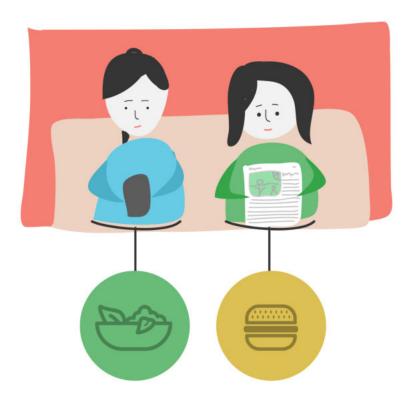


Pay > Payment Page

Payment is made once the order is placed. In meanwhile, Kavita receives amount from other group members.







Anita's reaches home after hectic office hours and registers for **ZAYKE**

Anita returns home at dinner time. She feels that she has acidity due to her disturbed sleeping cycle.

She decides to order less spicy and healthy food. One of her room mates agrees to order food with her but she wants to order burger and fries.

Anita suggests to order food from ZAYKE as they allow group orders from multiple places. She signs in from the text message.





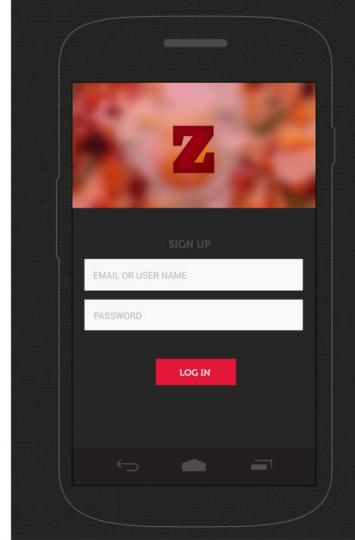
Sign up

As Anita is a beginner, she signs up with Zayke for ordering food.



Sign up

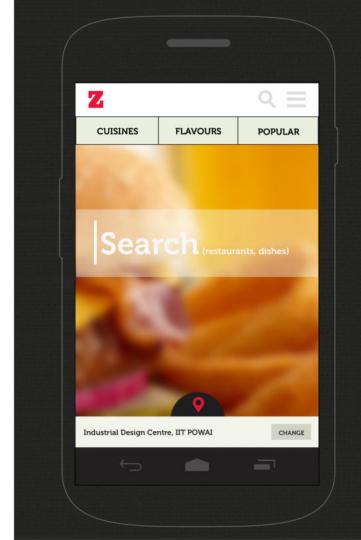
Anita enters her mobile number and signs-up with a user name and password.



LOG IN

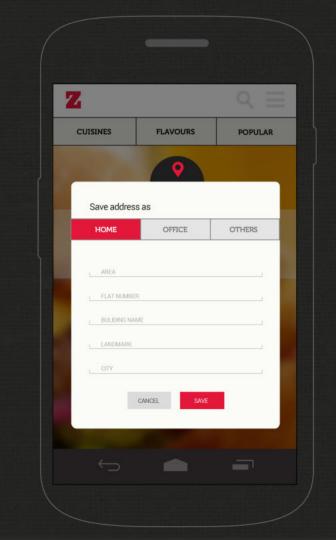
Sign up > Homescreen

After signing up, Anita comes to the homepage where she views her location which is detected automatically. She taps on CHANGE to edit the location.



Sign up > Homescreen

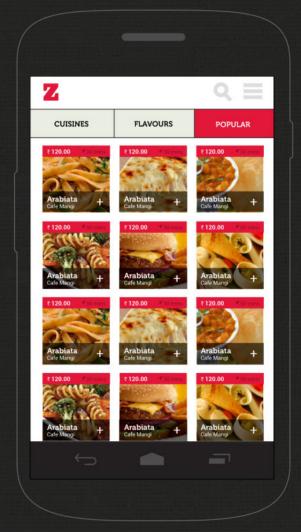
She enters the Area, Flat number, Building Name, Landmark, City and saves the address for ordering.



Homescreen > Popular

Anita starts exploring and lands on the screen which shows the most recommended/popular dishes.

She browses through the dishes but doesn't find anything of her choice.



Homescreen > Flavours

From the top navigation panel, Anita discovers that she can order food according to different flavours.

She decides to go for green grassy and mild bland flavours as she wants something light and simple.

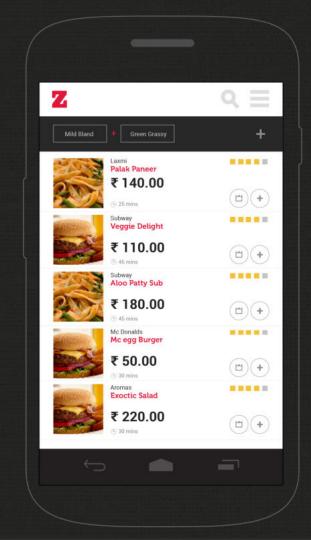




Flavours > Dishes

Anita gets a list of mild bland and green grassy food available in all the menu's.

She finally decides to order a salad and adds to the tray.



Slider > Filters

After adding salad to the tray, Anita does a quick search for burger and selects the filter which is in top right corner.

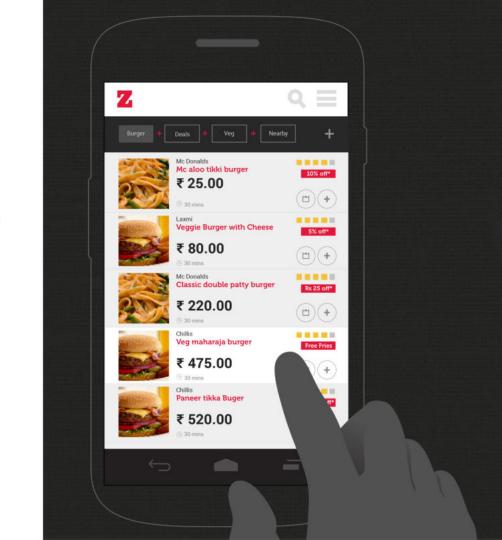
She selects multiple filters to get the best deal and quick food.





Search + Filters

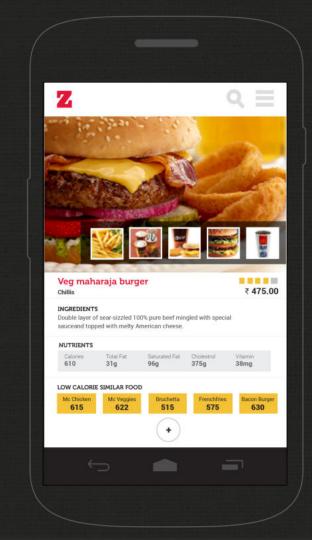
According to the filters chosen, Zayke pulls the dishes which falls under that category. Her flat-mate gets curious and wants to know ingredients and details of one particular burger. She selects the burger.



Burger > Details

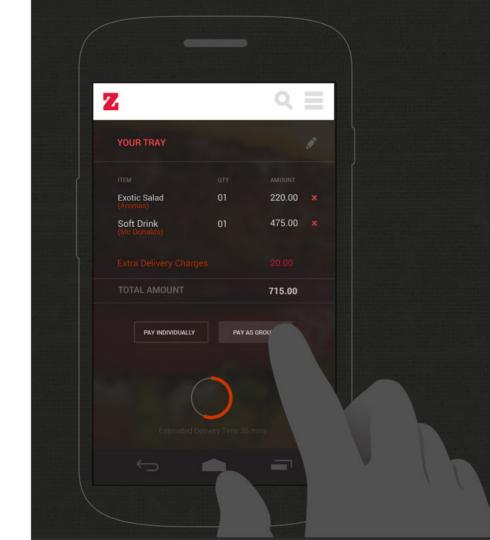
Anita selects the burger and gets detailed description which includes an image of the burger, nutrient value and similar food with low calories.

She adds burger to the tray.



Tray > Pay as Group

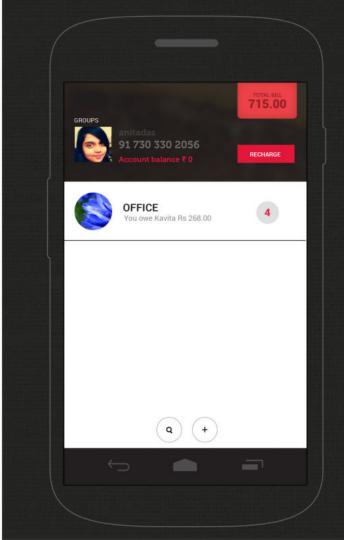
Once food is selected Anita goes to the tray for payment. Tray displays the item, quantity, extra delivery charges for ordering from multiple restaurants and estimated delivery time. Anita then decides to pay as group.



Groups > Profile

Office group automatically syncs with Anita's profile which shows her current wallet balance and the amount she owes Kavita.

She decides to create her virtual wallet in order to save time as she order's food almost everyday.

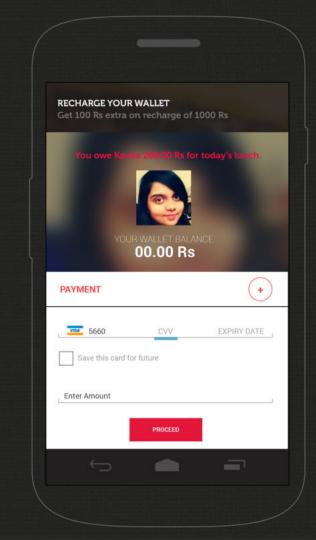




Profile > Recharge

Anita recharges her account with 1500 Rs. by entering her card details.

She creates a new group of flatmates, sends an invitation to her friend and pays the bill for now. She also sends off the money due to kavita.

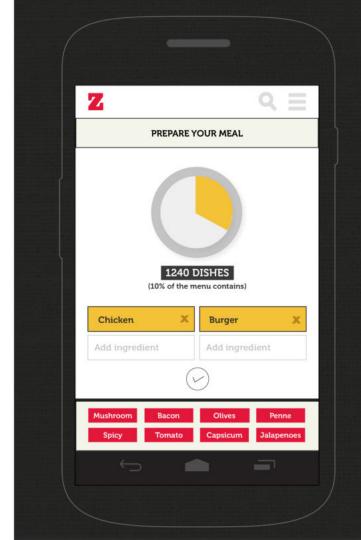




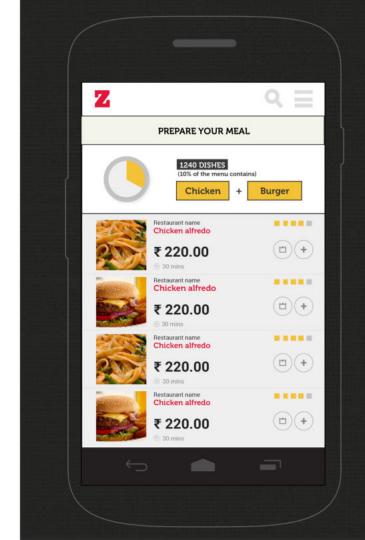
PREPARE YOUR MEAL

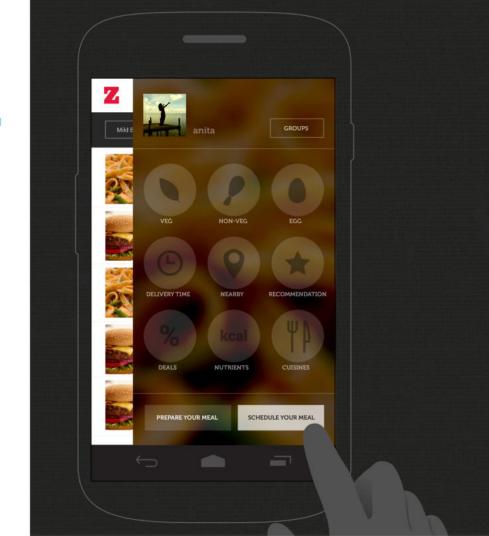


PREPARE YOUR MEAL

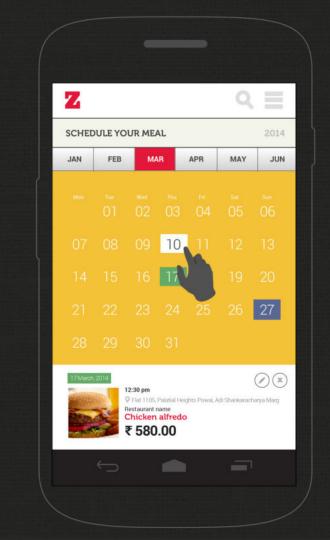


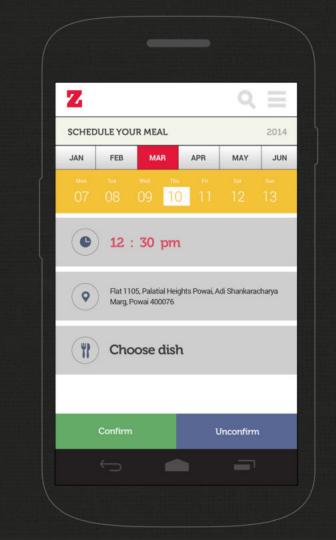
PREPARE YOUR MEAL











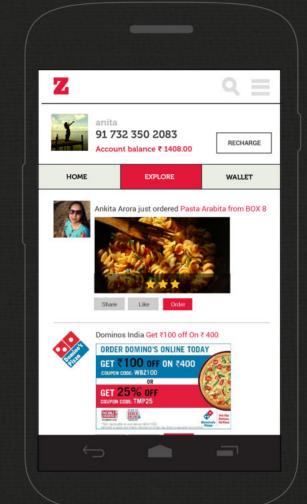
OTHER FEATURES

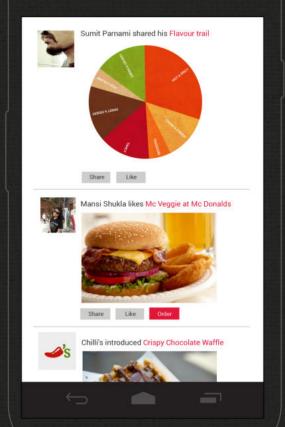
PROFILE > HOME



OTHER FEATURES

PROFILE > EXPLORE







- 1. The app should keep user's **updated about what is going on and where they are through appropriate feedback in proper time**.
- 2. User should not get confused with the series of steps.
- 3. The information architecture should be scalable and flexible so that it caters to both beginners and experts users.
- 4. Reducing user's memory load by making objects, actions and options visible.

TASK

Users mobile interface was tested with 6 users

- Plan and order food from two restaurants.
- 2. Order for a group of five people and make the payment.
- 3. Schedule your meal for next week.
- 4. Recharge your wallet and check wallet details.

PRODUCT TESTING



FEEDBACK



Restaurant

Rating should be added.



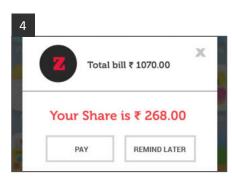
Dish Detail

It should show combos (like add coke and the amount will be reduced/ offers/discounts)



Group

Status color for paid should be green instead of red. Red is for alert.



Notification

Option to reject the payment.

FEEDBACK



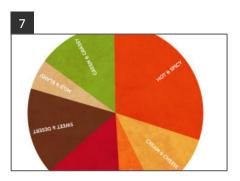
Tabs

Combination of flat and gradation.



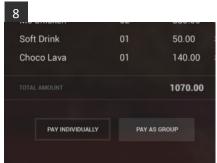
Schedule your meal

There should be some benefit for scheduling your meal in advance



Pie Chart

If more parameters are added then pie chart will not work. Not scalable.



Payment

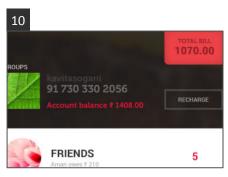
Payment options are confusing.

FEEDBACK



Tabs

Dutching is good but non veg and veg people should be different. Map the person and food ordered if we don't want to Dutch.



Group order system is appreciated.

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For calorie conscious people. Nutrient message information should be provided. Something that helps in deciding or controlling what you are eating.

LEARNINGS

- Learned how to make Service Ecosystem
- Learned how to make a working low fidelity prototype
- Learned that design process in start-up is very iterative as compared to academics
- Learned how user's feedback improvises on micro-level detailing
- Project involved a lot of strategic design management decisions from brainstorming sessions with the start-up team.

REFRENCE

- [1] Indian Food Services Report 2013 National Restaurant Association of India NRAI (technopark)
- [2] https://itunes.apple.com/us/app/seamless-free-food-delivery/id381840917?mt=8
- [3] https://play.google.com/store/apps/details?id=aus.deliveryhero.android&hl=en
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- [10] http://www.nngroup.com/articles/ten-usability-heuristics/
- [11] Source: Zomato, Data for 13 cities

THANKYOU

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