Grill Fresh Inc

Background of the company

Grill Fresh is a Pizza company which is fairly new in India market. Currently, it has only two outlets in Mumbai and New Delhi. Both outlets have only dine-in option. Grill Fresh has aggressive growth plans and wants to become #1 in India within 5 years. It doesn’t have any IT infrastructure as of now.

Expansion of business

Grill Fresh wants to increase its presence in all major cities and then wants to aggressively enter in other cities by doubling up their outlets. It sees IT as an enabler to business and wants to leverage latest IT trends in the market to win customers over competitors. Following table depicts their expansion plan:

|  |  |
| --- | --- |
| **Year** | **# of cities** |
| 1st year | 5 cities |
| 2nd year | 10 cities |
| 3rd year | 20 cities |
| 4th year | 40 cities |
| 5th year | 80 cities |

Each city will have 3 outlets. Apart from expanding to cities, it wants to increase its reach to customers by introducing following options:

* Take away – Customers will have the option of placing order for take away
* Home delivery – Customer will have the option of placing order for home delivery

Users Concerns

* **Business Owner** 
  + I don’t want to invest in IT infrastructure upfront but rather spend incrementally as we expand the business.
  + I expect our customer base to grow to 80 lakhs in 5 years
  + I want to know profitability of our stores. Would like insights into our business that enables me to make decisions
  + Would be great to know the sentiments of the customer about what they like about us and what do they don’t like.
  + I would like to be known as technology innovator/pioneer in the domain and attract the new tech savvy generation.
* **Store Manager** 
  + I should know how my store is doing in terms of profit. I don’t want to be in position where we procure more raw material and we have wastages due to less customers. At the same time, i don’t want any customer unserved due our supplies getting over.
* **Project Sponsor**
  + Grill Fresh learned from market survey that customers want flexibility. They should be able to place their orders from variety of devices - laptops, tablets, and smart phones.
  + Customer onboarding experience should be easy and intuitive.
* **Store Front Desk Operator**
  + To provide my customer least wait time and a smooth experience I should be able to capture the order in a fast and easy manner.
* **Kitchen Manager**
  + Since we have delivery time commitments I would like the orders coming in a queue without much of time delay from the time order is accepted.

Instructions for the candidates

* Cloud Architecture – Design a cloud infrastructure diagram along with a deployment strategy considering application non-functional requirements (security, latency, scalability, availability & uptime etc of application components)