

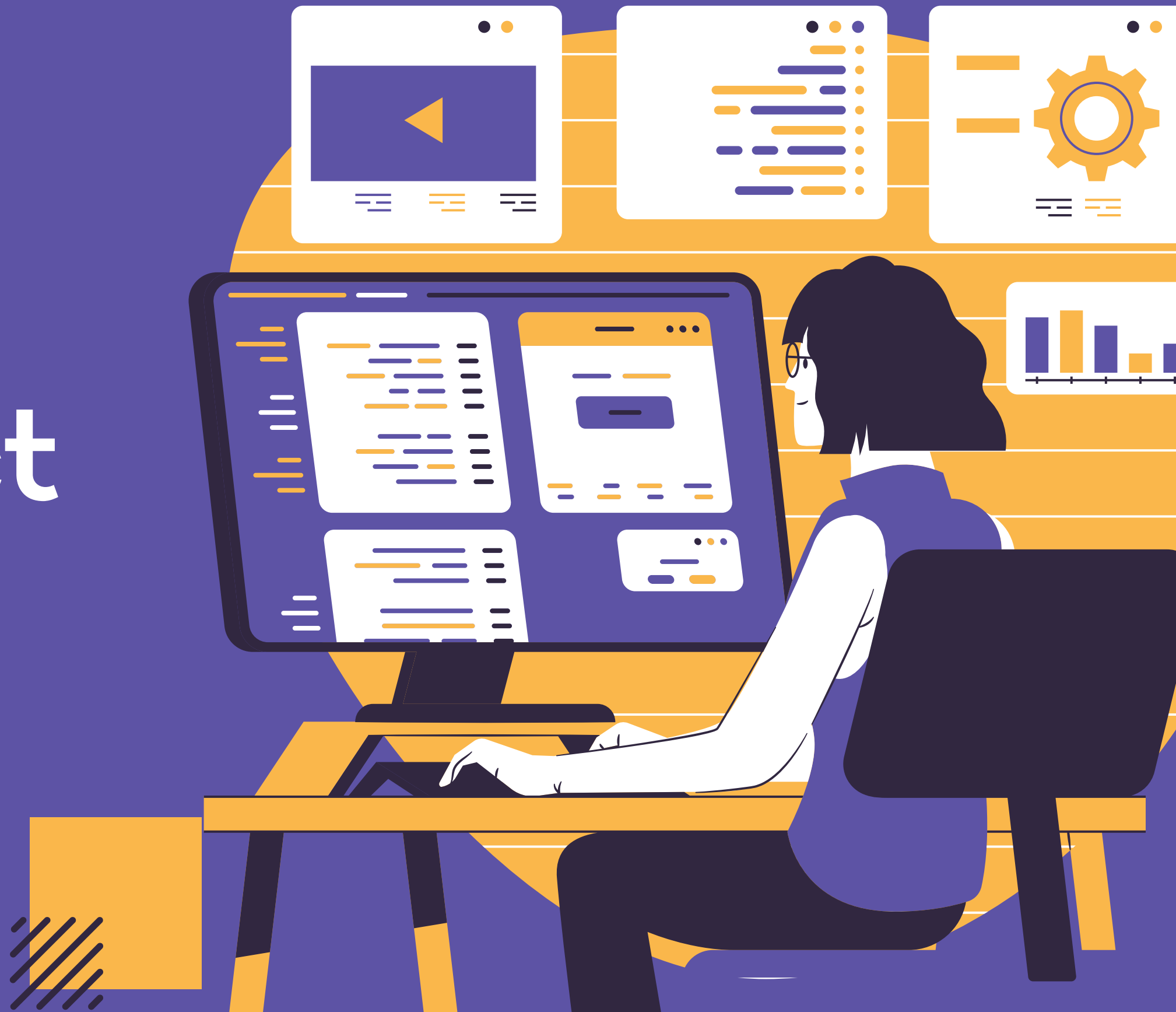
Database Project

By: Group 16

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What is GrabFood?

Launching in May 2018, GrabFood delivery service was created to connect people to food businesses.

It allows customers to order food online without any minimum order requirements while having a GrabFood delivery partner to pick up the order from the restaurant to bring it to you.



Case Study

However, due to the pandemic in 2020, there was an increased number of orders which led to these problems:

Problem:

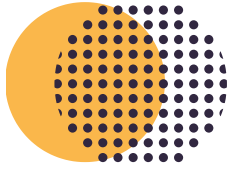
- 01 Restaurants were taking in too many orders at once.
- 02 Delivery drivers were handling too many orders at once.
- 03 Customers were complaining about slow delivery times.



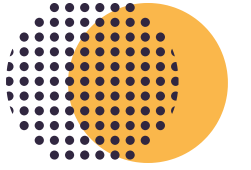
Our Business Requirements

What are they?





Our Tables



Customer 01



Payment 02



Order 03



Order_Line 04



Employee 05

06 Delivery



07 Store



08 Menu



09 Rating



10 Voucher



Business Rules

Business rules are lists of statements that tell you whether you may or may not do something or that give you the criteria and conditions for making a decision

Rules:

- 01 Each customer can order multiple times, but a different OrderID will be provided to the system.
- 02 A unique OrderID will be provided for each order made by a customer.
- 03 Each store can take multiple orders
- 04 Each order has one or more order line.

Business Rules

- 05 Each Delivery is delivered by one employee.
- 06 One employee can make many deliveries.
- 07 Each delivery employee can take at most 3 orders at one time.
- 08 Each restaurant can take 20 orders at a time.
- 09 Each customer can order from one or more stores.

Business Rules

- 10 Each store only has one menu.
- 11 Each customer can only give one rating once per order.
- 12 Each delivery employee and store can be rated by many customers.
- 13 Each late delivery can only be compensated with one voucher.
- 14 Each voucher can only be redeemed once.

Contact Us

In conclusion, it is important to create a new database which can handle high intake of data while maintaining high data flow and traffic for our services.

Please contact us if you have any inquiries!



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Thank you !

