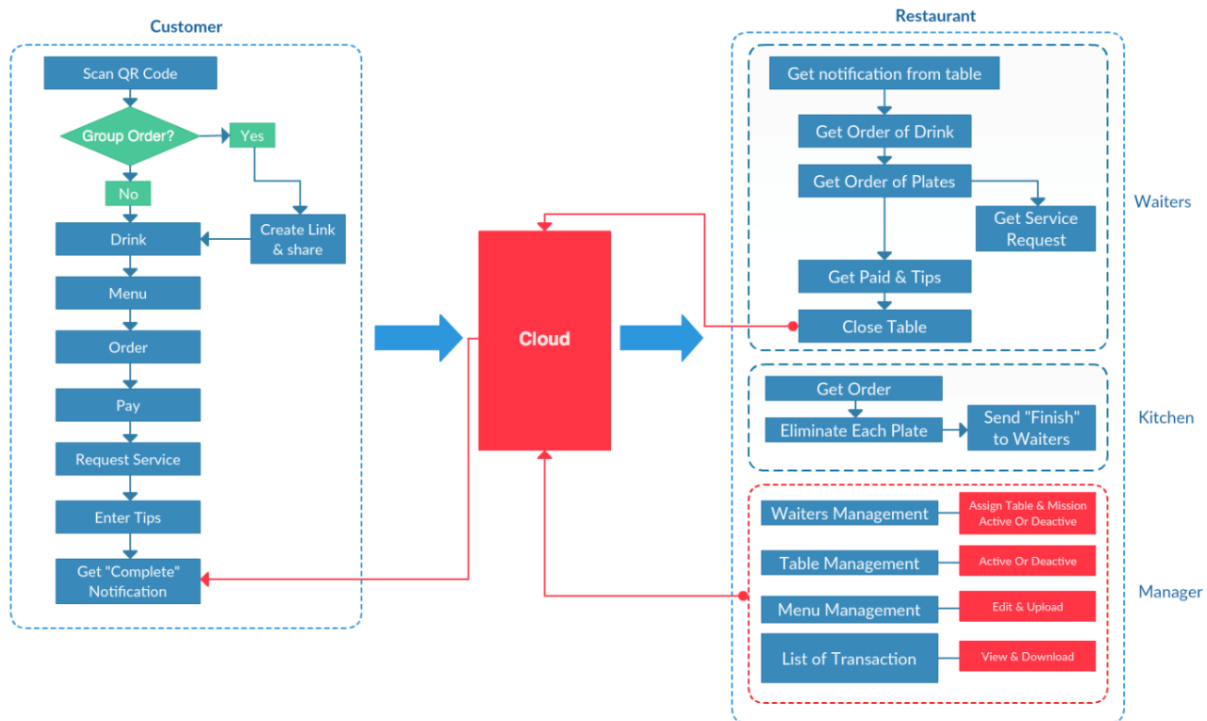


Functionality – Flow Chart



Flow Chart of HandyEat App consists of three major parts: customers end, cloud (firebase) and restaurants end. All data will be sent to and saved in could and notification will be sent to either customers end or restaurants end for actions needed. Below are details about how HandyEat App works from flowchart perspective.

All restaurants registered in HandyEat App are assigned QR codes for all tables. Customers are able to book available tables in a specific restaurant to request dine-in service via scanning QR code. Once QR code has been scanned, data will be sent to cloud and restaurants will get updated. Managers will deactivate tables and assign waiters correspondingly. There is also an option to create order link and share with others for group orders. Once everything is set, customers are able to place order.

Customers order drinks first and data will be sent to cloud. Waiters will receive drink orders notification from cloud and then bring drinks and sets of tableware to customers. While waiters are preparing drinks and bringing to customers, dishes menu is displaying for customers to place food order. Data will be sent to cloud once dishes have been placed and payments have been paid successfully. Waiters will get notification of payments successfully received and kitchen will receive food order information.

Once all dishes have been completed, Kitchen will send notification to waiters through cloud. Waiters will bring dishes to customers. During the dine-in time, customers can always request services via HandyEat App and corresponding data will be sent to cloud, and then to waiters.

Once customers finish eating, customers can grant tips and tips information will be sent to waiters via cloud. Customers will confirm if the dine-in service has been completed on their end. Once the “completion” notification has been generated to send to cloud, waiters will be notified to clean table. Waiters will send closing table notification to cloud once the clean-up is completed. Managers will then change table status from deactivated to active for further dine-in service. In addition to waiters and tables management, managers are able to revise menu and view all transactions.