USE CASES FOR TOTOCAFE APPLICATION

Brief description :

This use case describes how clients uses the TotoCafe application to order from company menus.

Actors :

* Client
* Company
* Server

Preconditions :

Users has mobile phone that has Android, IOS(future work), Windows Phone(future work) operating system

Application has to be installed by user

Company must have QR codes for every tables

Each side must have Internet connection.

Basic flow of events for users

1. Client comes to the company and sits at a table
2. Open the TotoCafé application
3. Login to the application with Facebook, e-mail or anonymous(future work)
4. Application is controlled by users
5. Click the QrReaderButton and read the QR code on the table
6. After reading the codes, assent of system exist on the monitor and clients have wifi password
7. Open the menu to order
8. When the client orders, client get credits according to given order’s price.
9. After checking the orders, orders go to the administrator's side.
10. For the payment, client goes to cashier.

Basics flow of events for management

1. Open the web application of TotoCafe
2. Sign up to application
3. After Homepage is opened, administrator arranges tables and menu
4. Admin waits orders.

Basic flow of administrator - client interaction

1. Client ask for approval for occupying from Administrator
2. If Administrator accept the request, client gets the menu
3. Client orders, Administrator processes

Basics flow of events for server

1. Authenticate login for both sides.
2. Enables both sides to reach database
3. Provides communication by web service.
4. Controls database's I/O

Alternative Solutions

To not loading information for company :

Local backup database will be used and work with synchronization of our Azure Database.(Future Work)

If Client has no Android, IOS or Windows Phone

Administrator side allows traditional ordering

Post-Conditions

* Succesfull Conditions

Read the QR code

Request Table, get confirmation from Administrator-side

Order from client-side

Order goes Administrator-side

To check-out, go to the cashier for payment

After payment, Administrator-side makes table free

* Unsuccesfull conditions

If Connection is lost between server and any side, until the problems fix, all communication with both side complete traditional way

Our servers and website localed in Azure Platform. If server is collapsed, local database takes place of main database and ordering continues in traditional way.