

Design and Implementation of Contract Service



Contract Service

Google App Engine

iPhone Programming

Android Programming

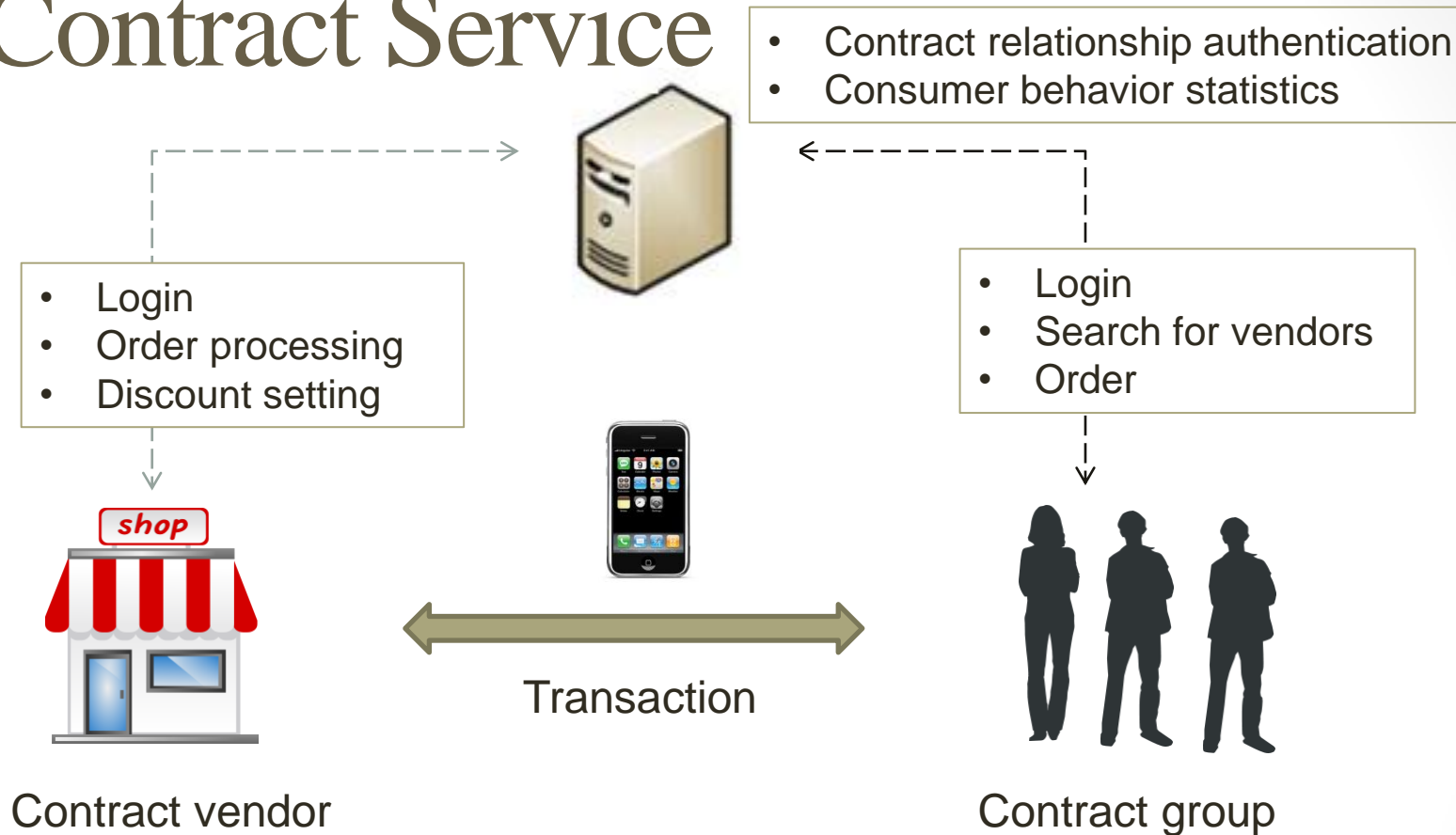
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Contract Service



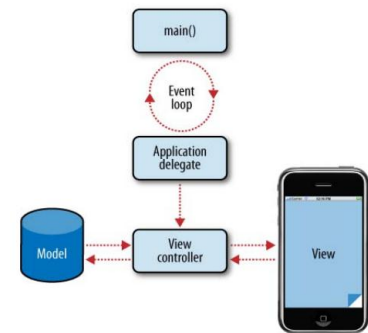
所謂的特約，其實就是商家和特定機關團體訂下契約，使得該團體成員到商家消費時，可以享受某種優惠，或者特殊的待遇。我們所要研製的特約系統，可以讓各團體和商家在同一平台上，處理消費流程。

Google App Engine

- **Google App Engine SDK**
 - `dev_appserver.py` runs a development application server for an application.
- **Configuration File**
 - describes which handler scripts should be used for which URLs.
- **Request Handler**
 - Using the `webapp2` Framework
- **Datastore**
 - a datastore is a subclass of `db.Model`
 - query using GQL

iPhone Programming

- **iOS**
 - OS for iPhone, iPod touch and iPad
 - Develop Apple Apps with Xcode on Mac
- **Development of Apps**
 - Apple iPhone SDK
 - Objective-C
 - iPhone simulator
 - Xcode IDE
- **iPhone Programming**
 - Object-Oriented Programming
 - Model-View-Controller Design Pattern



Android Programming

- **Android Interface**
 - Each user interface screen is represented by an Activity class.
 - The user interface is built using View and ViewGroup objects.
- **Get the current location**
 - `LocationManager.requestLocationUpdates`
- **Get the location from address**
 - `getFromLocationName`
- **Facebook SDK**
 - Authorization
 - `Facebook facebook = new Facebook("APP_ID");`
 - `facebook.authorize(...);`
 - Query data
 - `AsyncRunner.request(URL, ...);`

