

Legend

GPS Aware app or service

Micro service with own data store

Micro service with event queue

Stateless Application/Service

Notification

CRON job

Customer flow

1

Manages their profile - personal, health, nutritional, payment & preferences

2

Accesses menu

3

Accesses promotions and coupons

4

Places orders

5

Provides feedback on food and vendors

6

Access Point Of Sale locations using GPS coordinates

7

Picks up food from point of sale

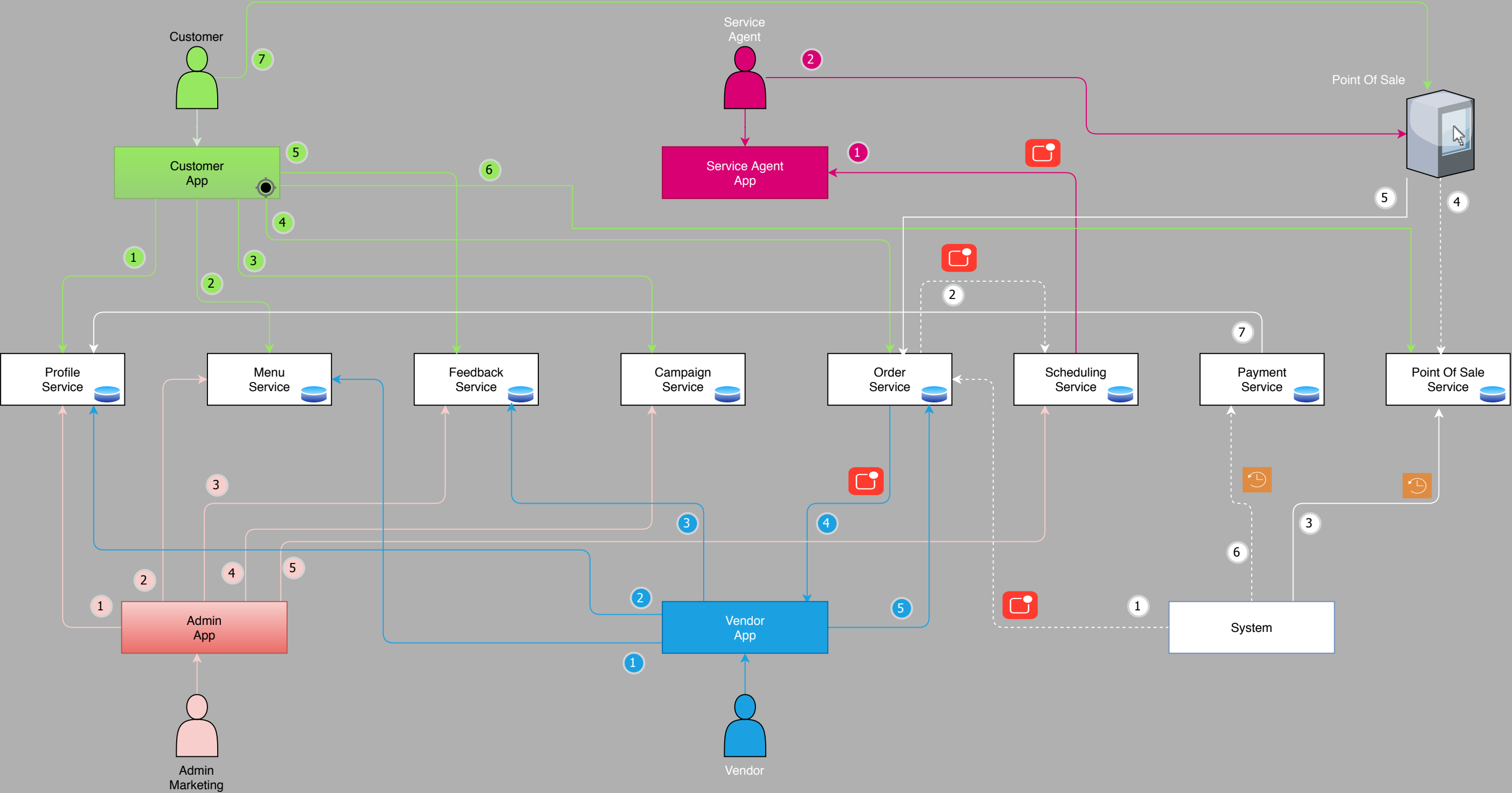
Service Agent Flow

1

Receives service notification from the scheduling service

2

Delivers food/maintains Point Of Sale (Kiosk/Smart Fridges)



Admin Flow

1

Manages customer/vendor profiles

2

Manages menus

Food vendor flow

1

Manages vendor specific menus

2

Manages vendor profile

System (Non-User) flow

- Generates order notifications based on inventory reports
- Order completion notification sent to service scheduler for delivery
- CRON job to collect ineventory reports and purchase records
- Point Of Sale (Kiosk/Smart Fridges) sends inventory/purchase updates
- Point Of Sale (Kiosk/Smart Fridges) validates orders with order service
- CRON job for processing pending payments
- Payment services uses profile service to collect mode of payment before processing

- 2 Manages menus
- 3 Manages customer feedback and rating
- 4 Manages promotions, coupons and marketing
- 5 Manages Point Of Sale (Kiosk/Smart Fridge) maintenance schedule

- 2 Manages vendor profile
- 3 Accesses vendor feedback, replies to feedback
- 4 Receives order notifications
- 5 Services orders

