Data flows

Drivers

1. Drivers need to find avaliable parking spot via MCC's smartphone parking application;
2. Drivers book parking spot;
3. Drivers pay for booking;

Parking inspector

1. check the status of parking spot whether it is abnormal;
2. update the status of parking spot if the spot is expired.

MCC's Smartphone Parking Application

1. when drivers use this application, it needs to provide parking spot information;
2. when drivers request booking, application must provide booking info, and maintain booking status;
3. after drivers finish payment, application should provide payment info to drivers;
4. when parking inspectors identify abnormal parking, application needs to alarm vehicle owner;
5. when drivers request to pay booking, application have to send request to payment institutions to transfer money.

Payment Institutions

1. when application request for payment, payment institutions should return payment info.