

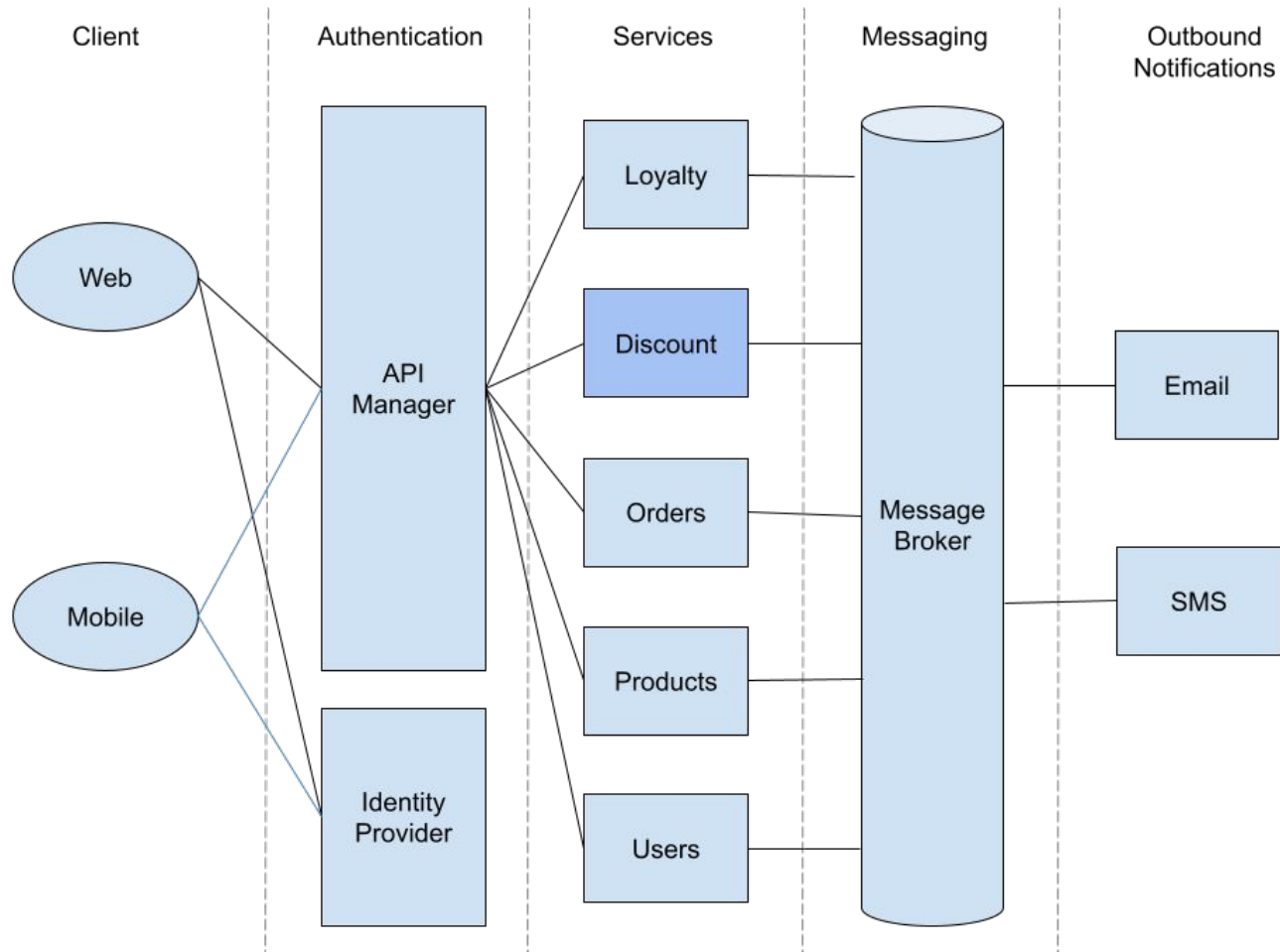


Discount Code Service

System design



Design Diagram



Design diagram services

- Users
 - Sellers - Brand portal (brand information and users)
 - Buyers (user profile)
- Products
 - Products information
 - Inventory
- Orders
 - Orders
 - Order trail
 - Payment checkout
- Discount
 - Code generation
 - Code management
- Loyalty
 - Campaign
 - Points

Discount code service

- Service is initiated with size of discount code.
- Scheduler is run during the least used hours of the service (at midnight) to create set of unique discount codes. Each day buffer of 5000 codes will be ready to pick (does not necessarily create 5000 codes each day).
- When a brand requests to create set of codes to be generated, will pull from already created list.