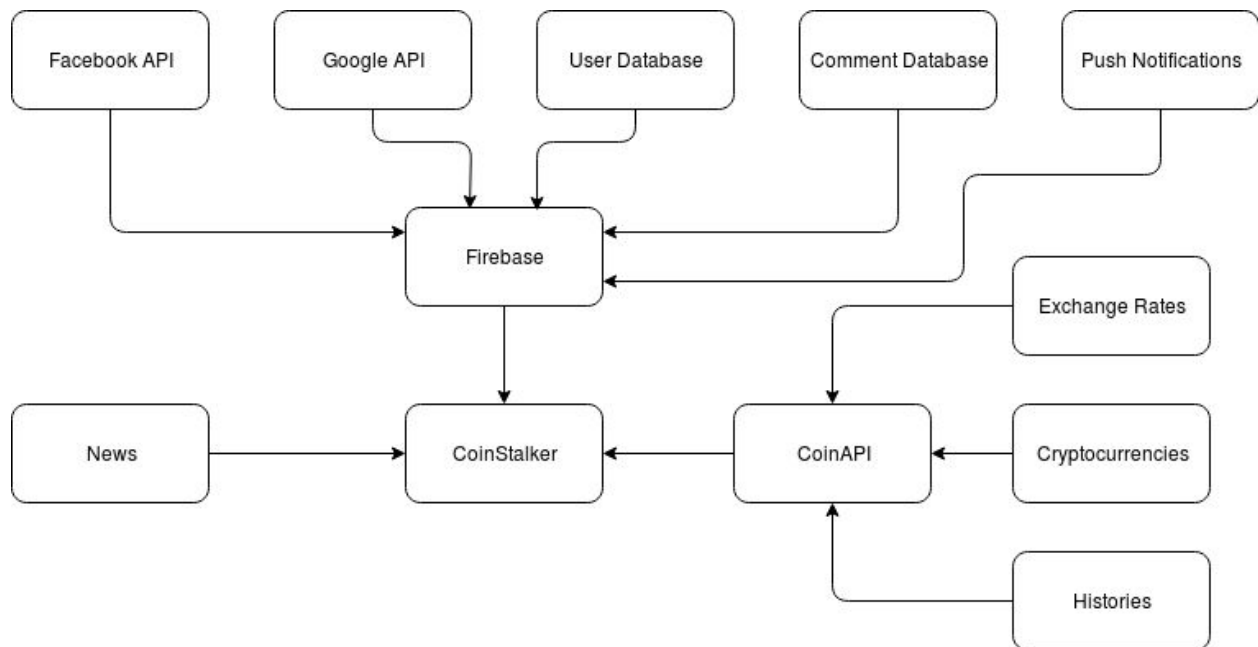# CoinStalker

Design Document

Data Flow Diagram

Class Architecture

Currency
+ id: string
+ name: string
+ is_crypto: bool

Favorite

User
+ email: string
+ auth_type: Authenticat
+ auth_id: int

1 → Favorite → 0..n → 1

1

GoogleAuthentication
+ key: string

ExchangeRate
+ time: timestamp
+ base_currency: Currency
+ quote_currency: Currency
+ rate: double

FacebookAuthentication
+ key: string

0..n

Comment
+ author: User
+ time: timestamp
+ content: string

EmailAuthentication
+ password: string
+ salt: string

1