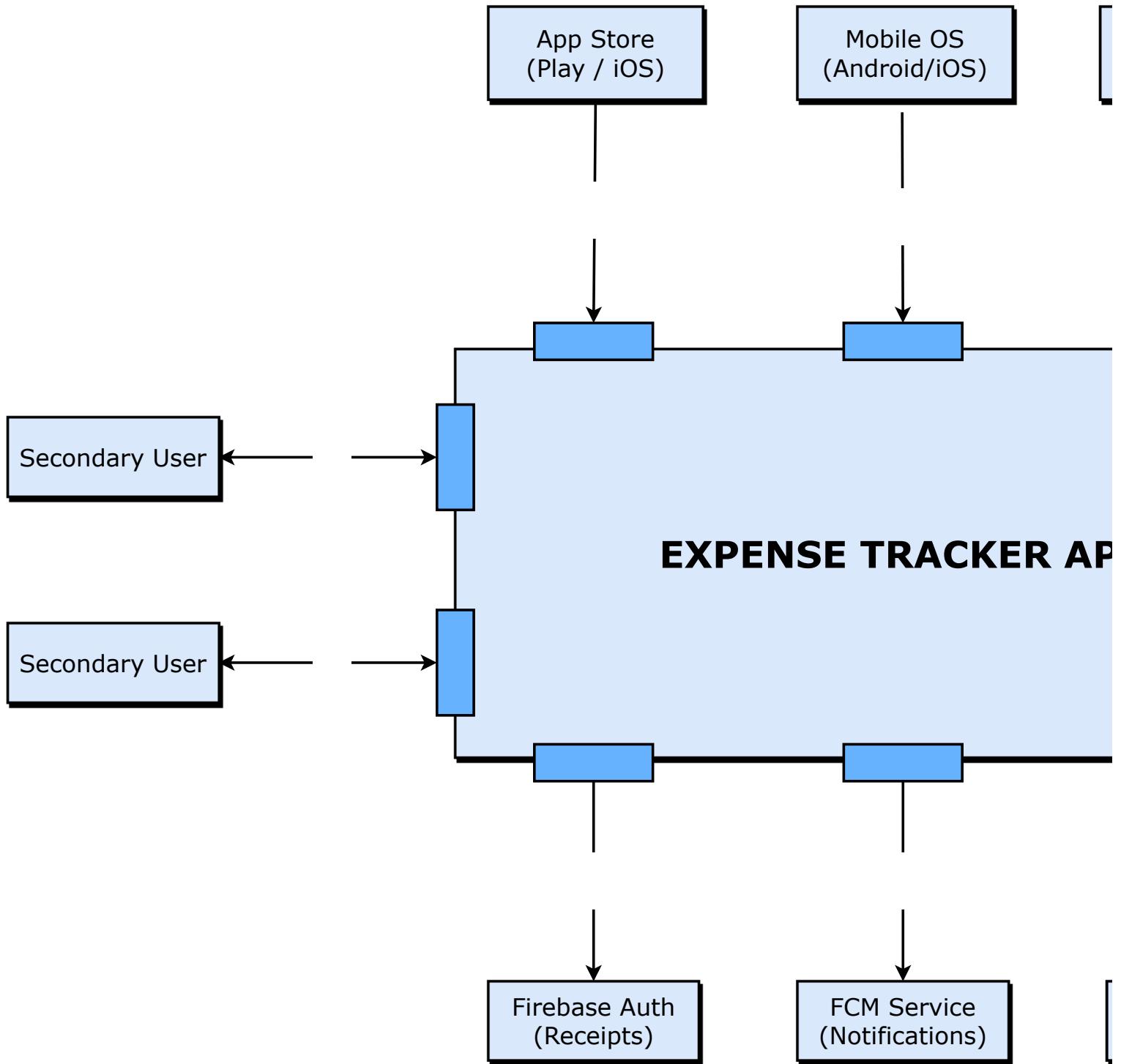
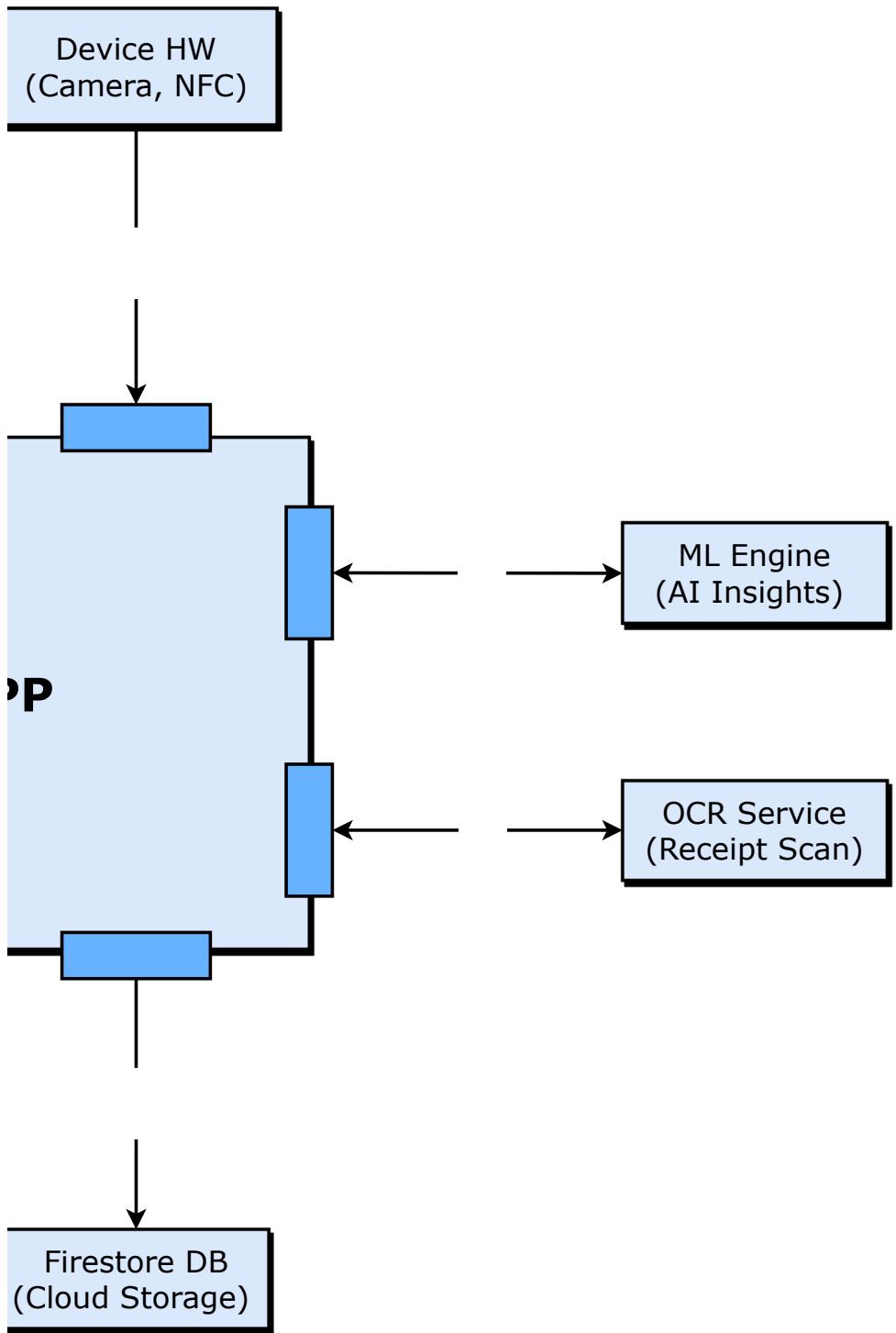
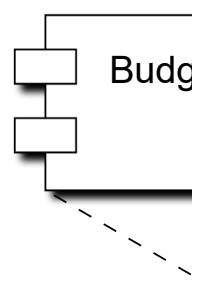


## Level-0

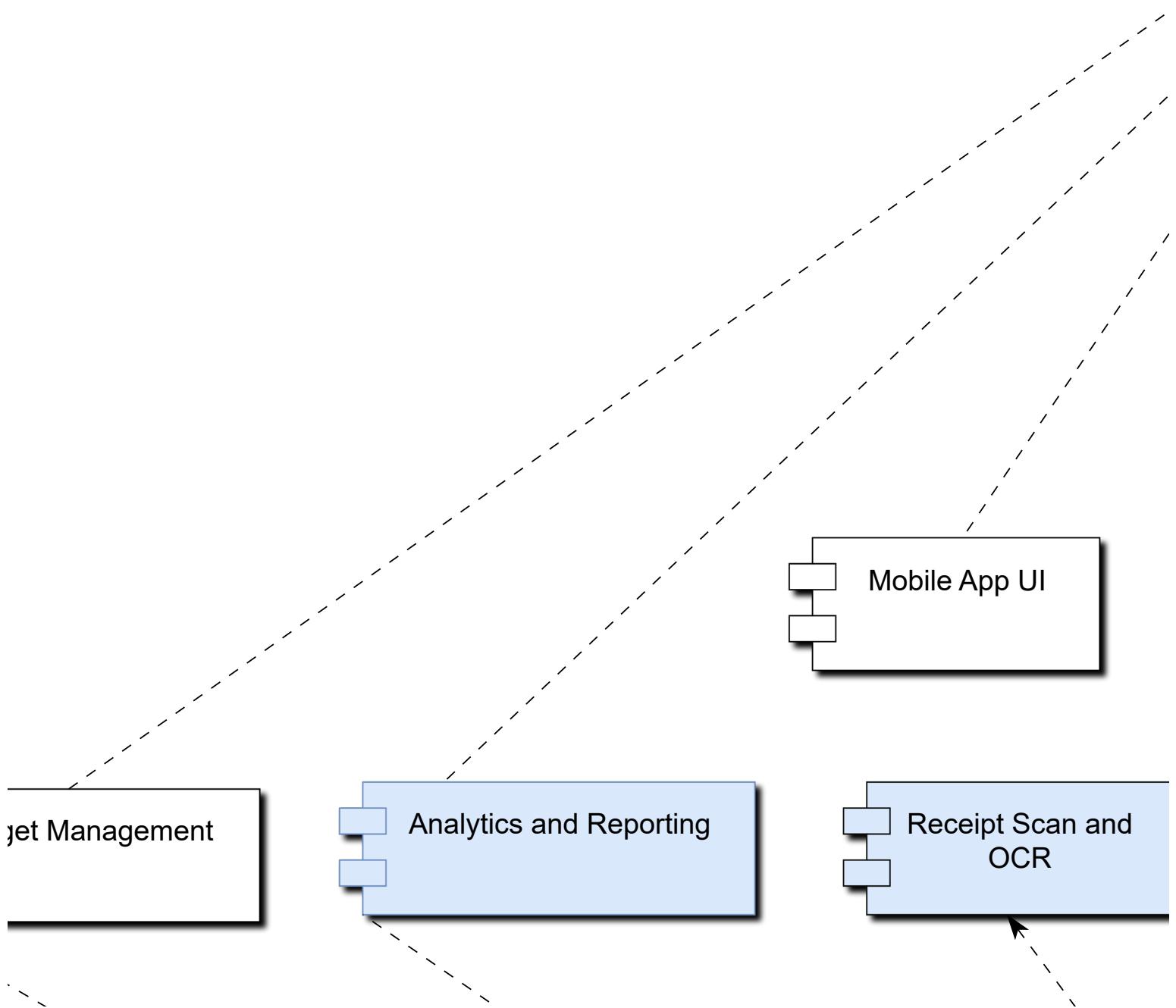




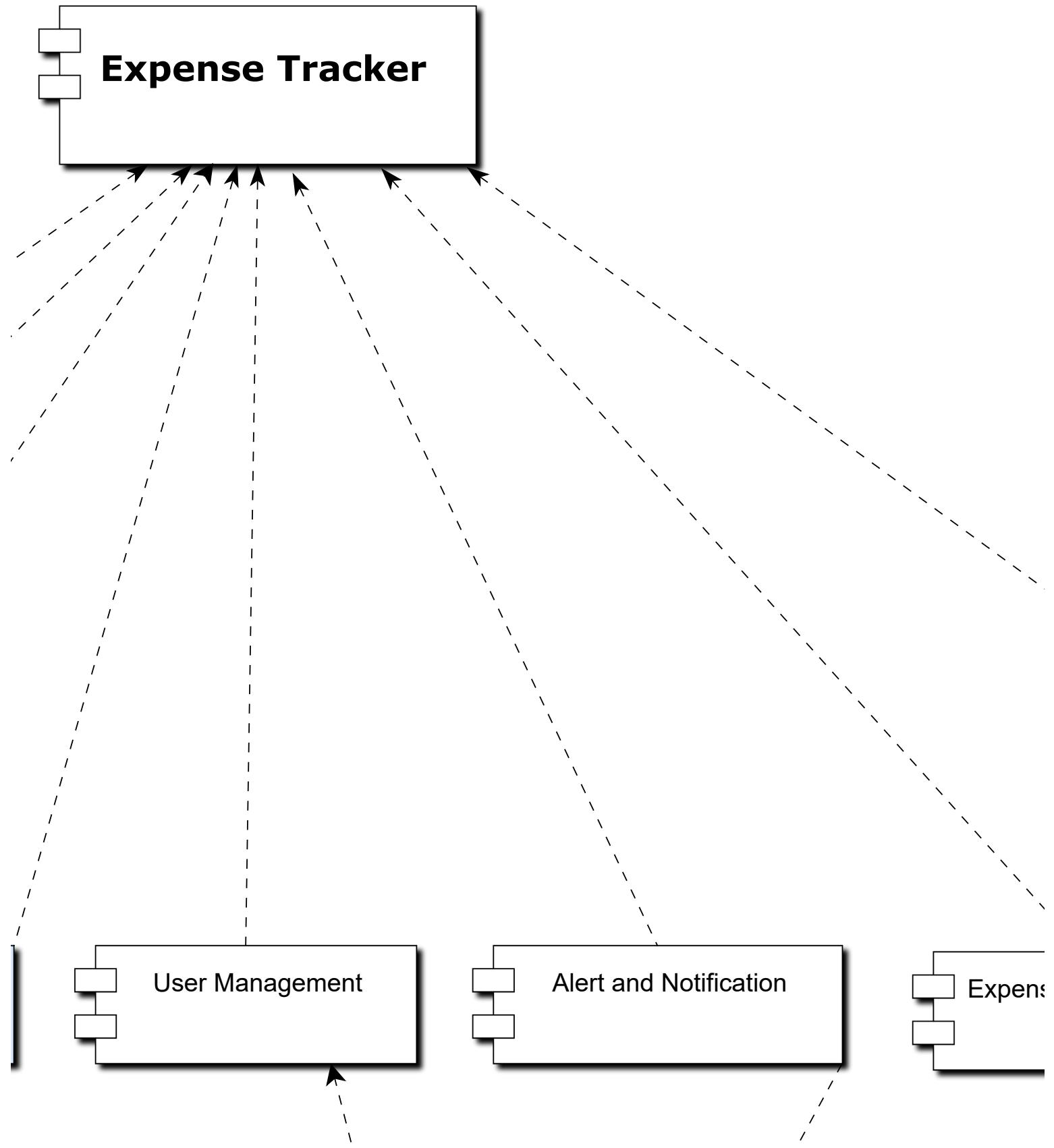




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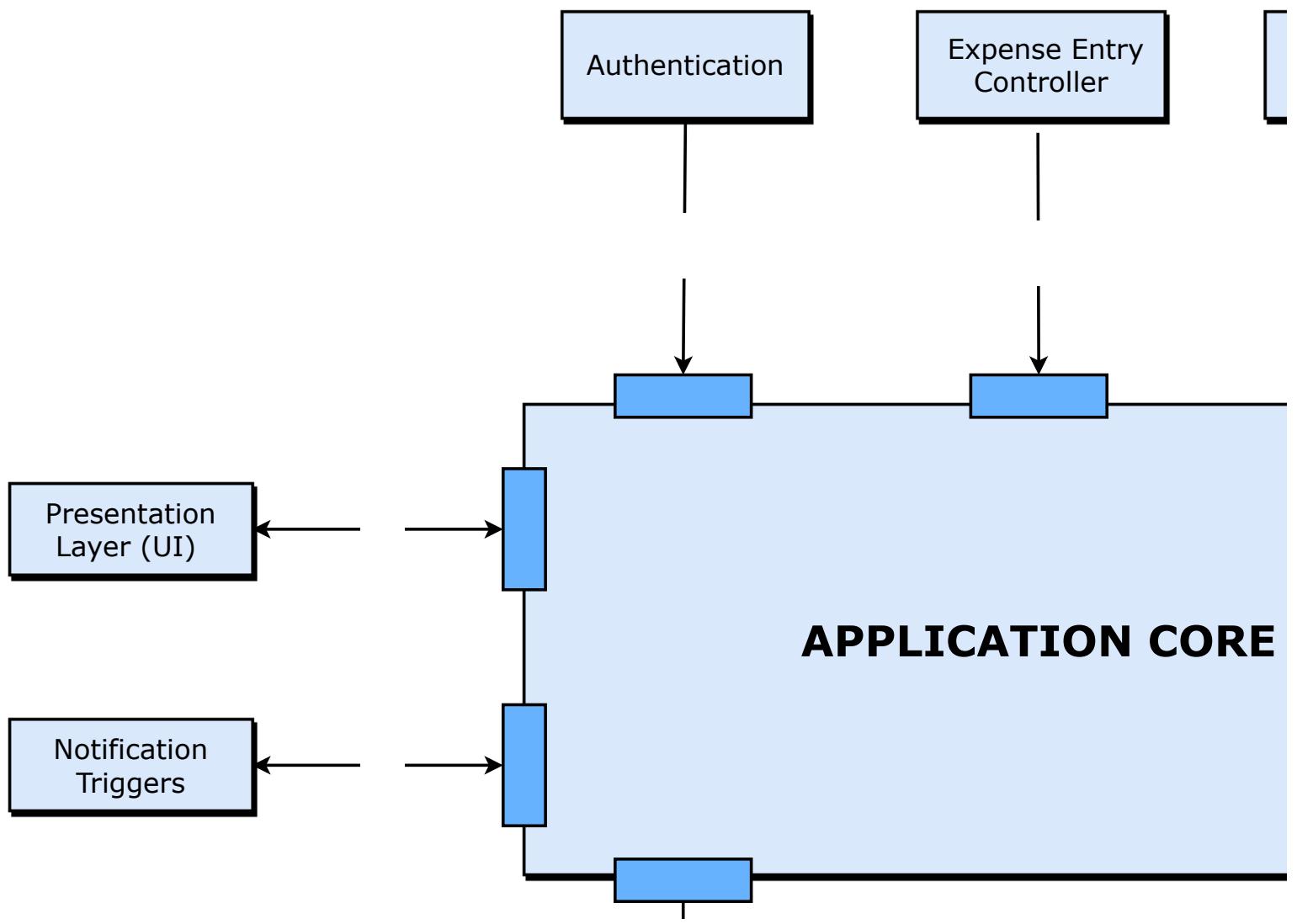
# Top-Level Component Diagram

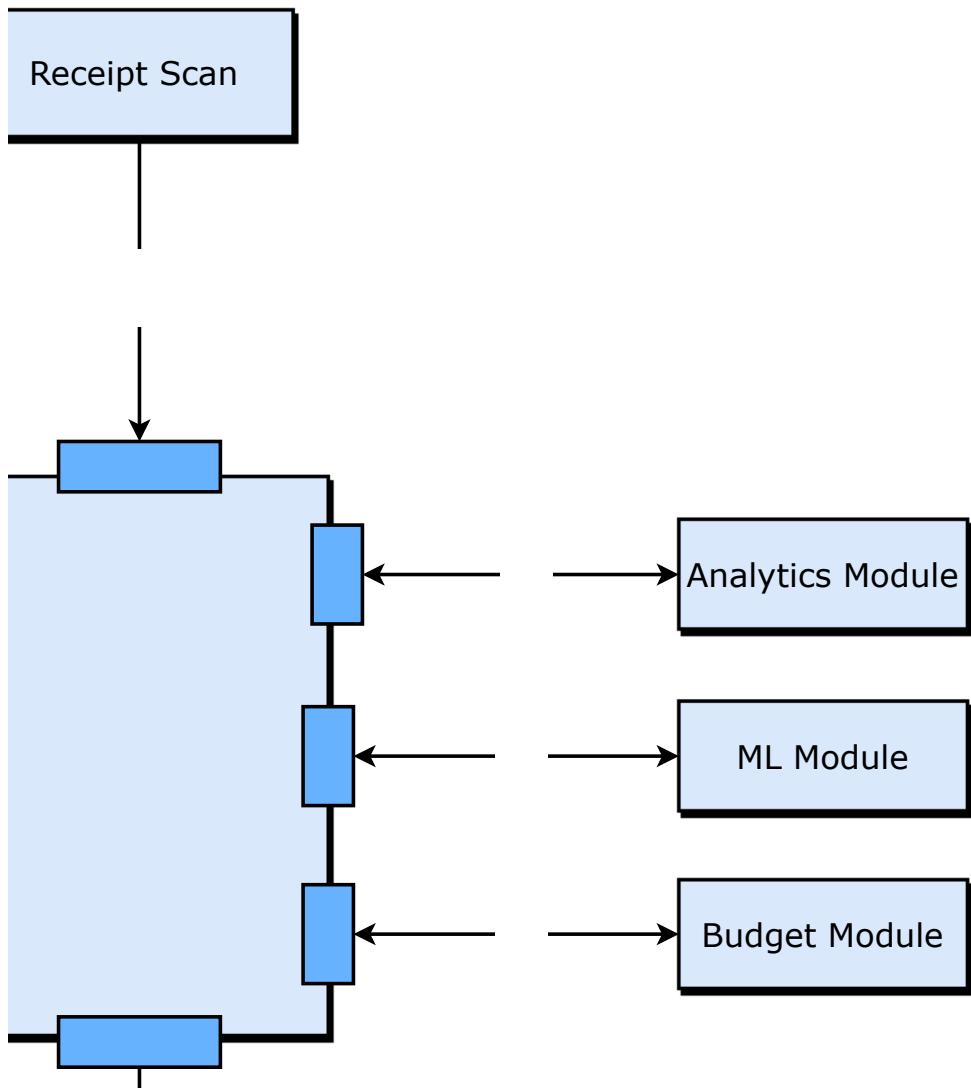


se Management

ML Intelligence Module

## Level-1





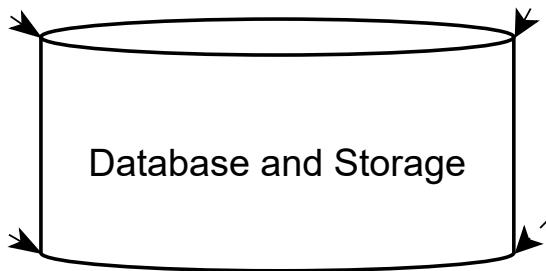
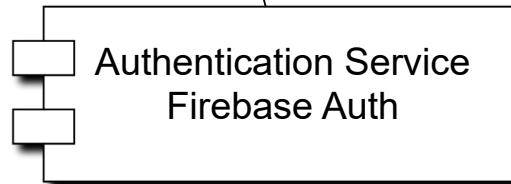


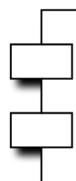




OCR Service  
Vision

e ML Kit or  
API

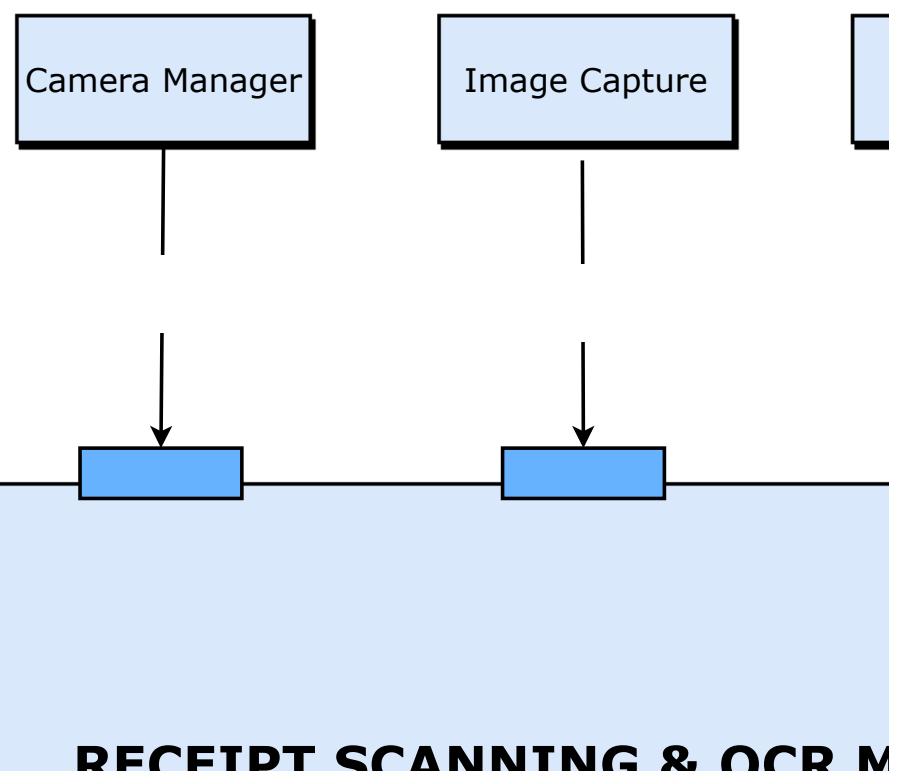




ML Categorization  
Engine



**Level-2**



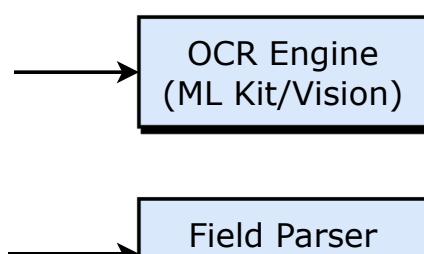
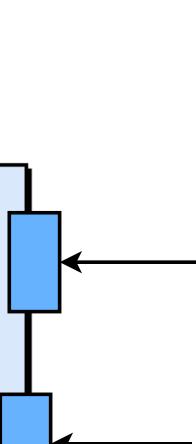
Security  
Services

File Handler

OCR Engine  
(ML Kit/Vision)

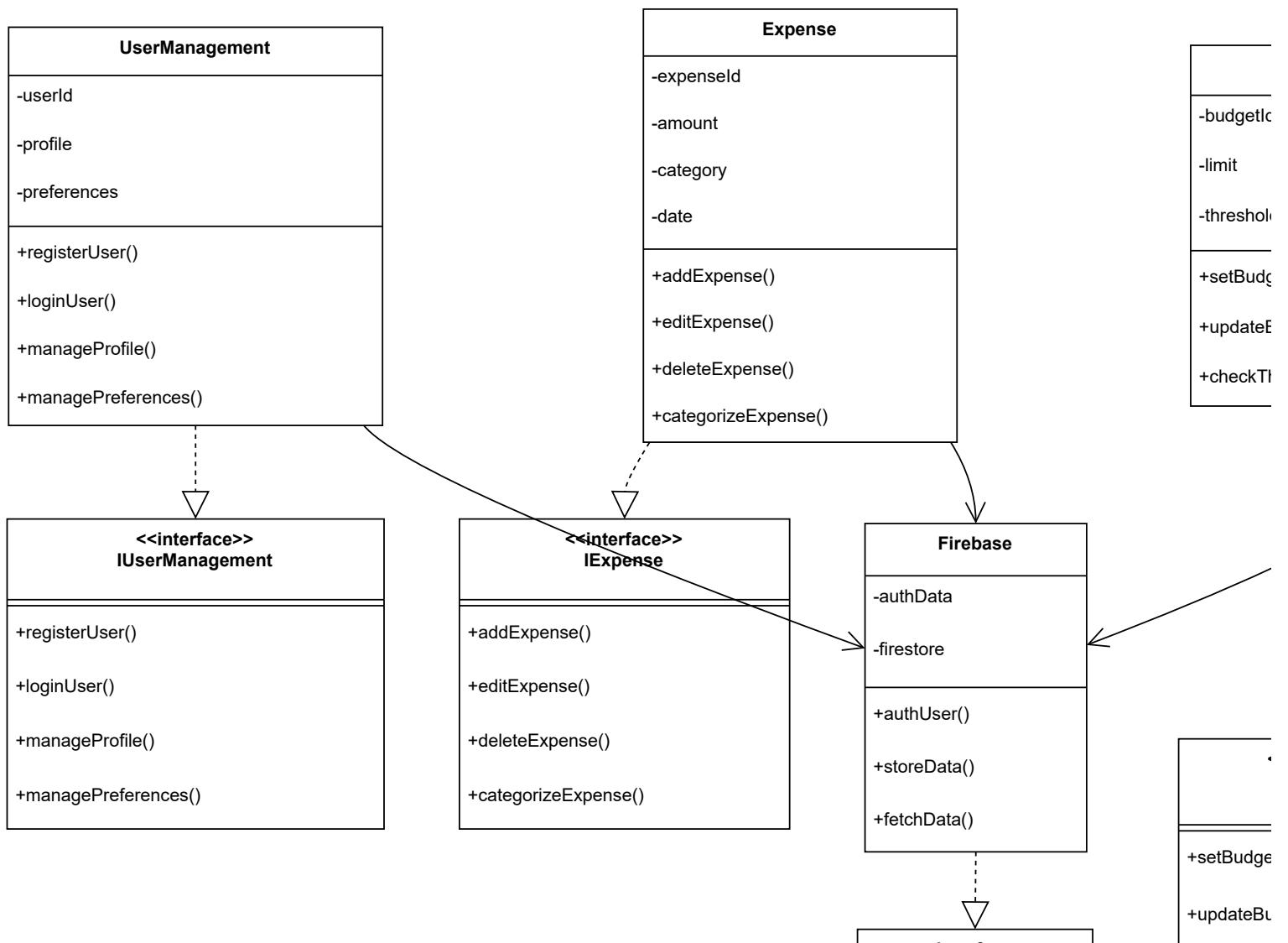
Field Parser

INPUT

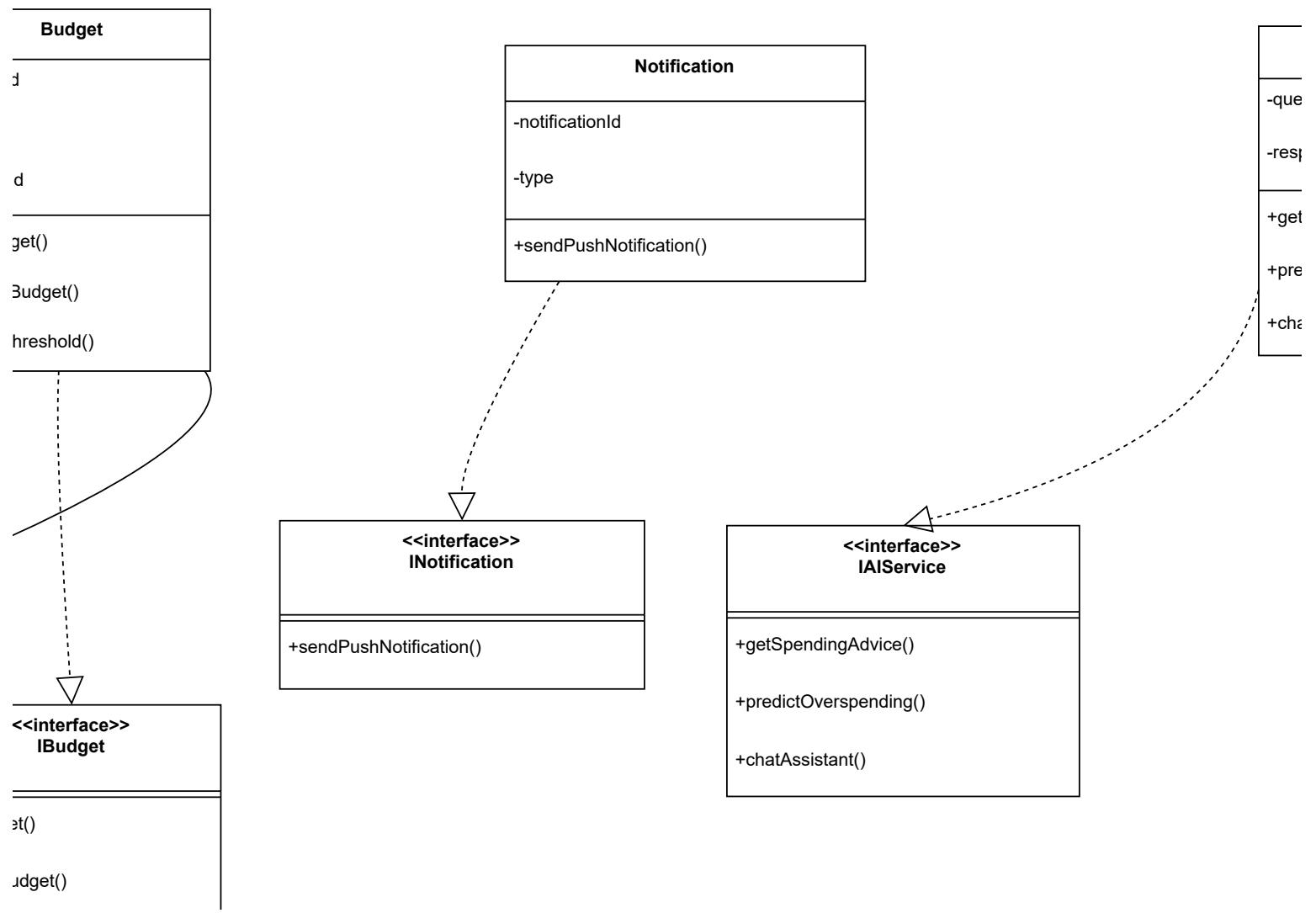


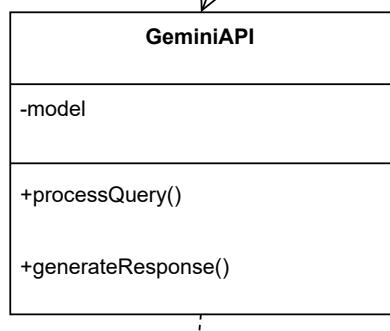
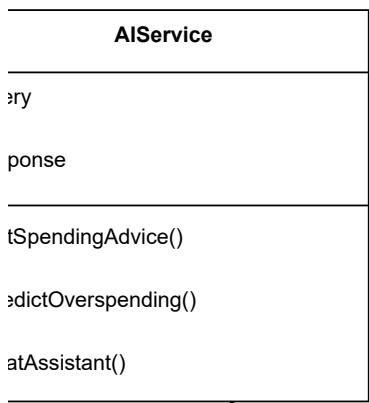




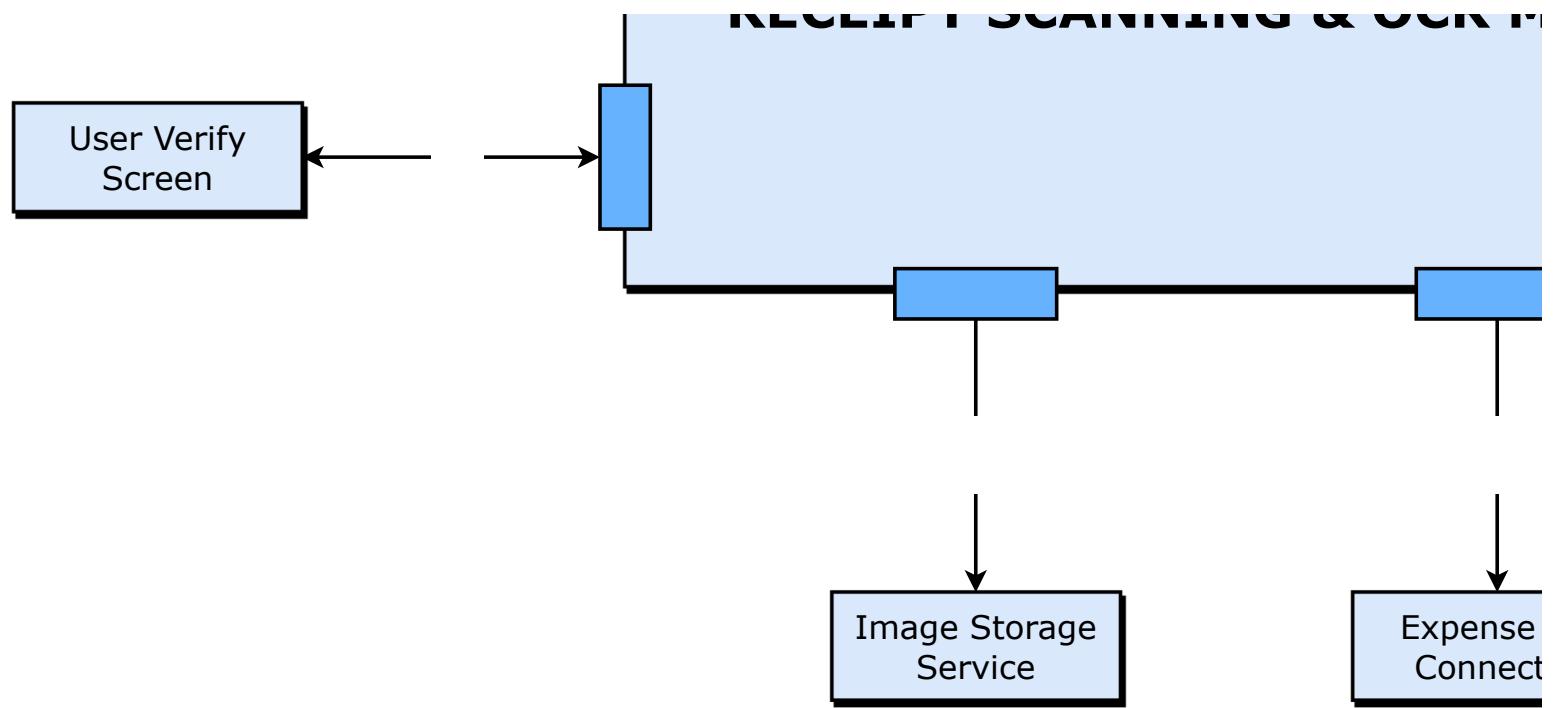


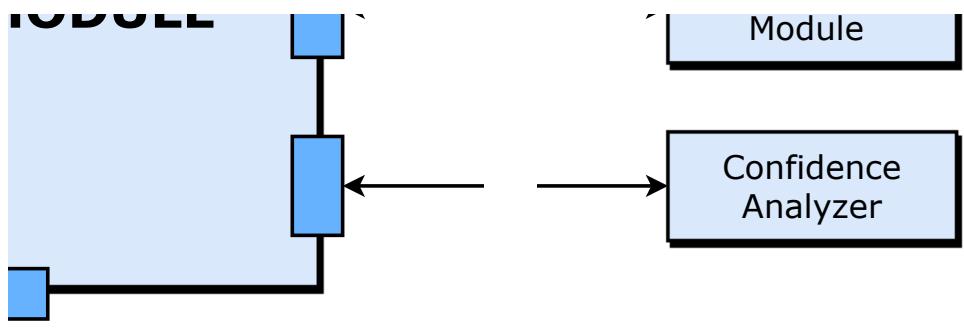
# Component Diagram





## RECEIPT SCANNING & OCR FLOW

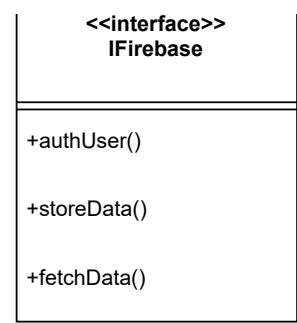




DB  
tor





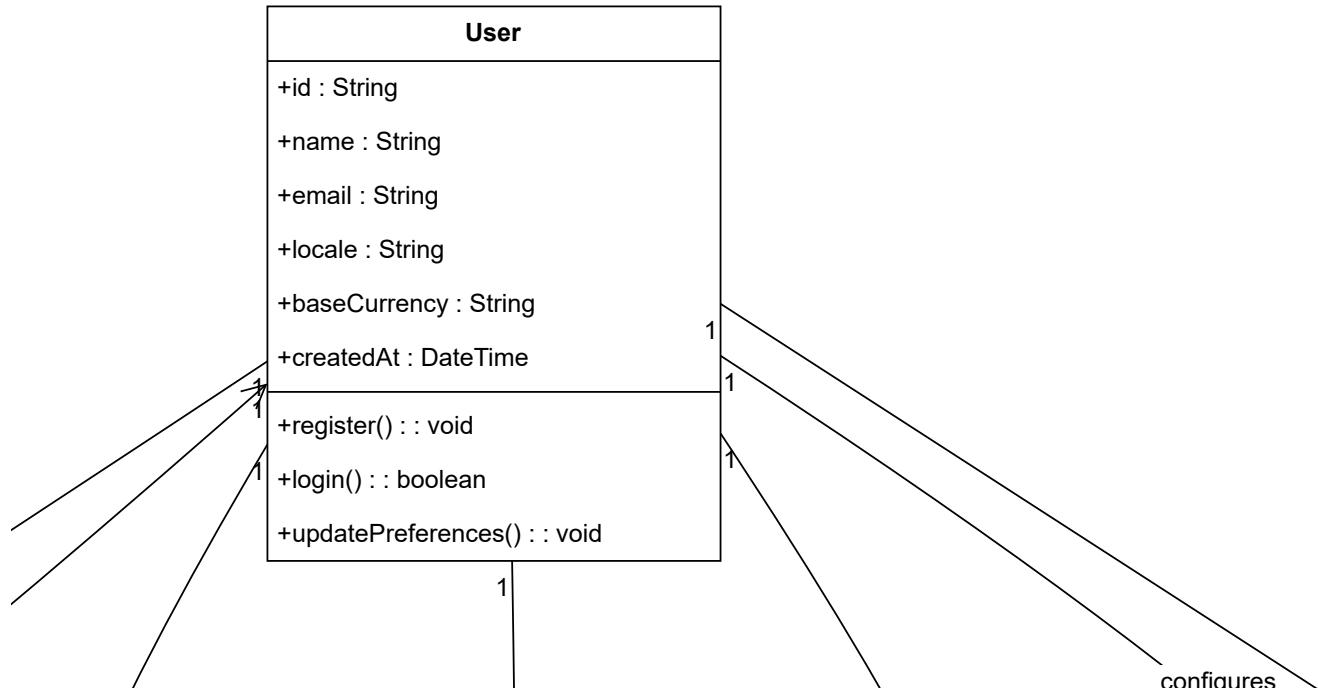


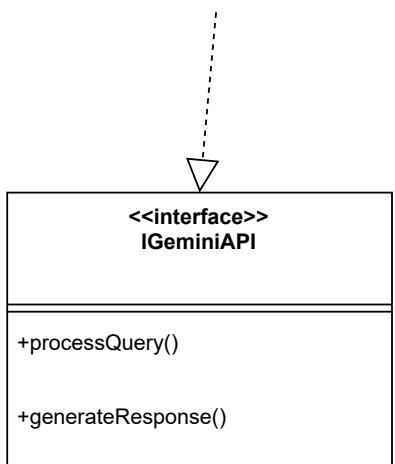
+checkThr

has  
belongs to

reshold()

## UML Class Diagram



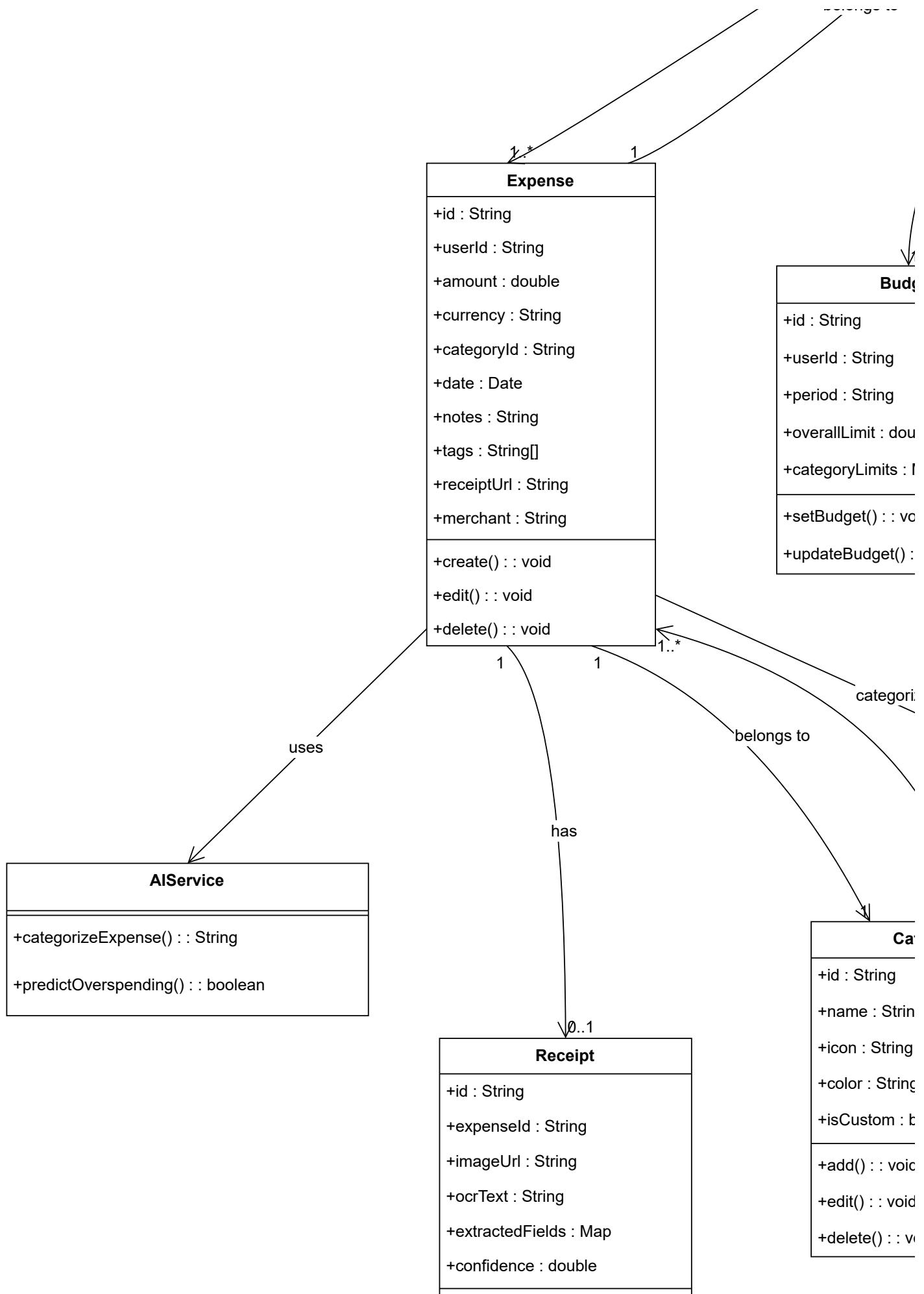


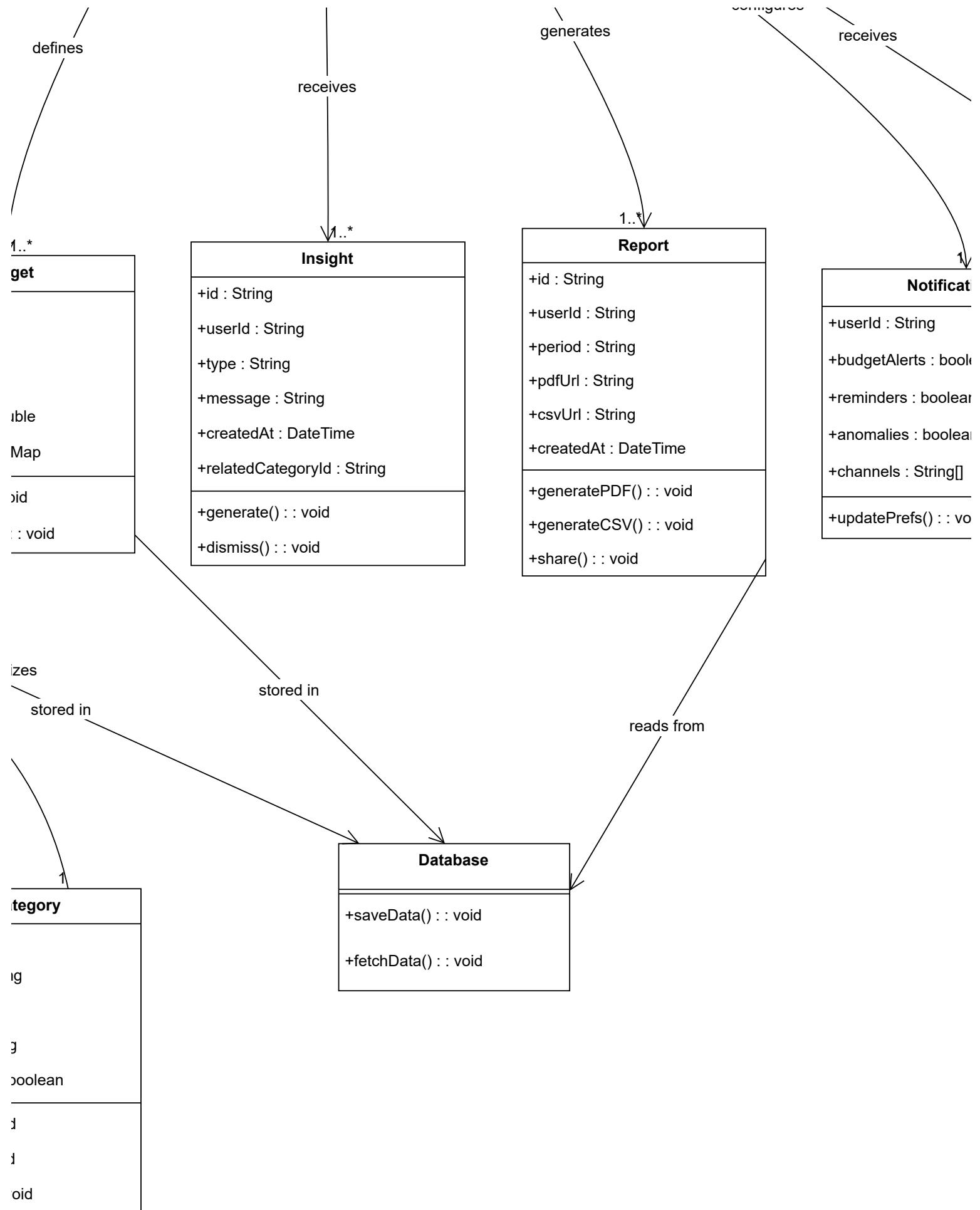


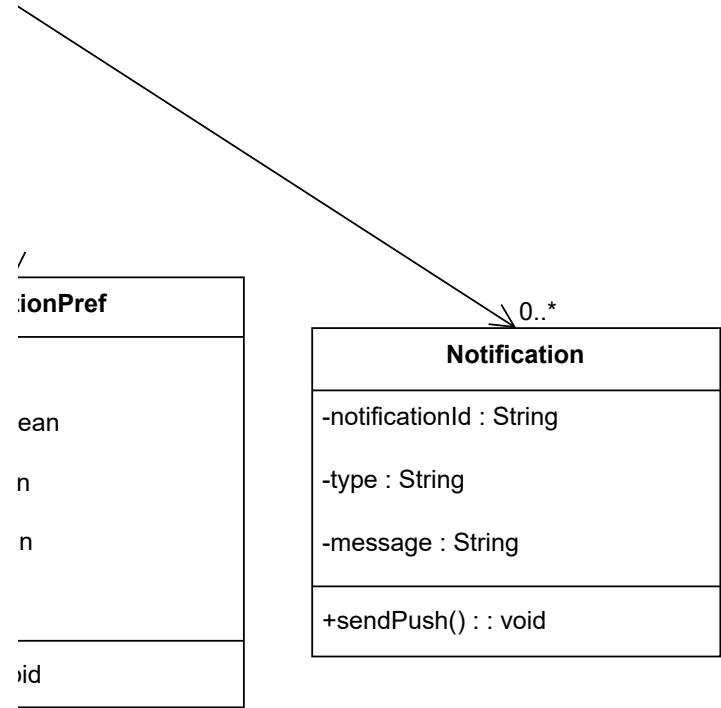




















```
+scan() :: void  
+preprocess() :: void  
+extract() :: void
```



