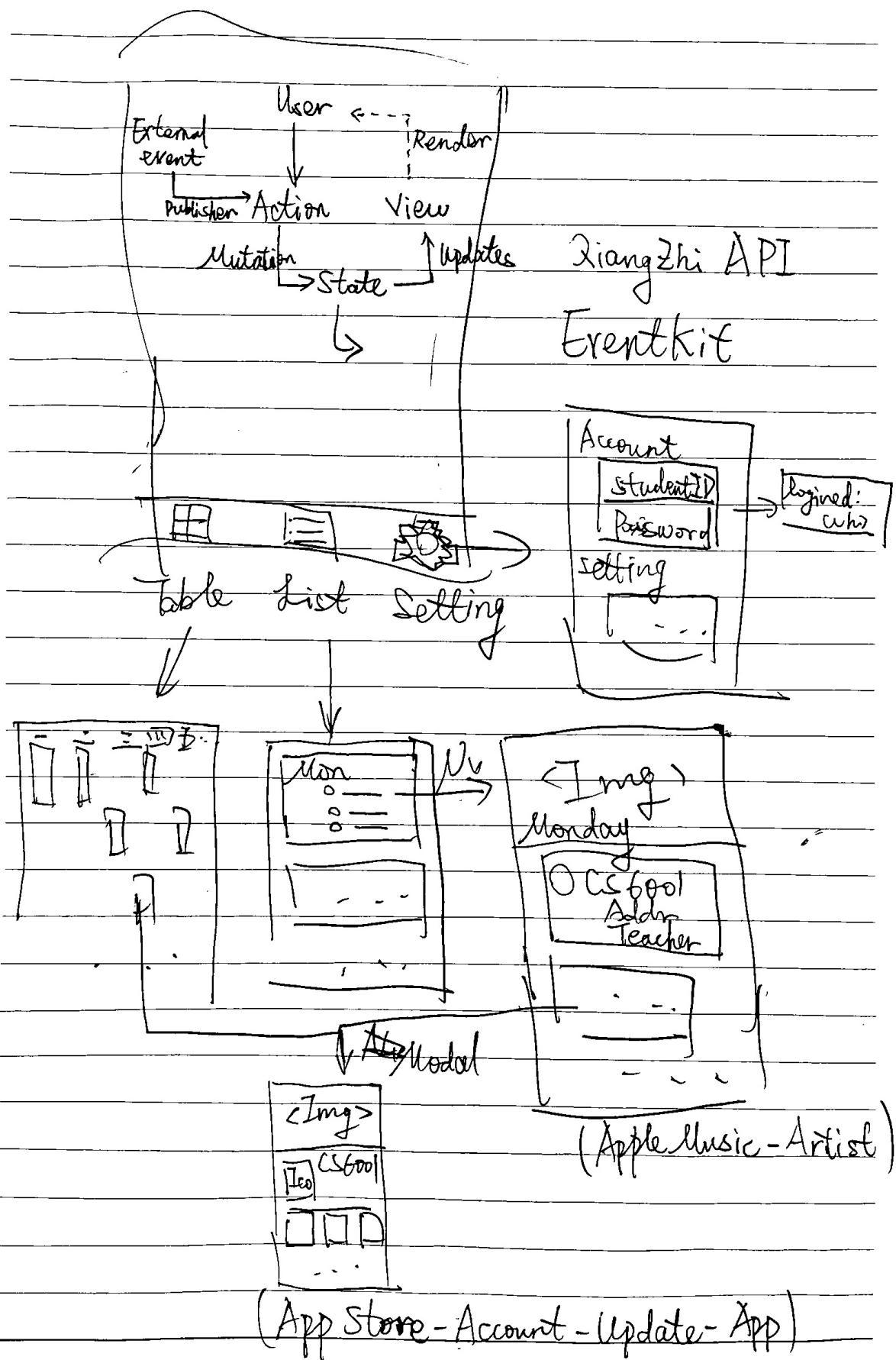


Courser

Project - Class Schedule



QzAPI



QzClient



AppCommand



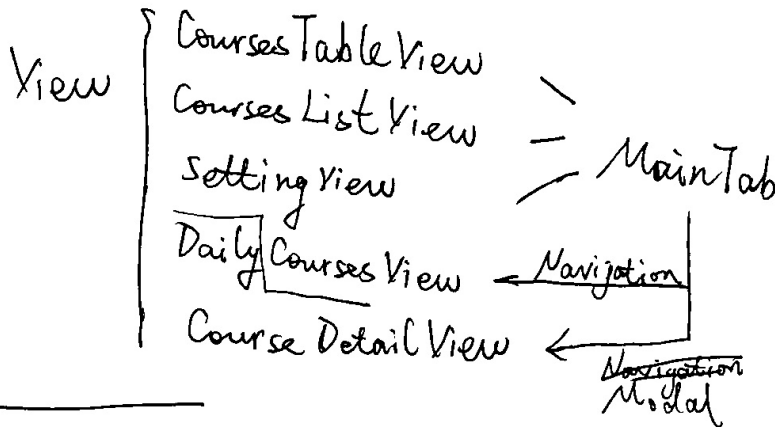
AppAction



View

Model

New Model



QzAPI

AuthUser

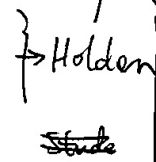
— - Login

GetCurrentTime

— - currentTime

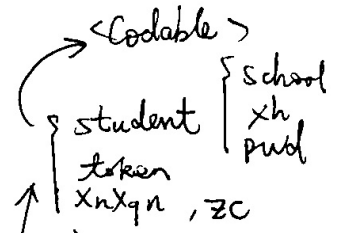
GetKbcrAzC

— + Courses

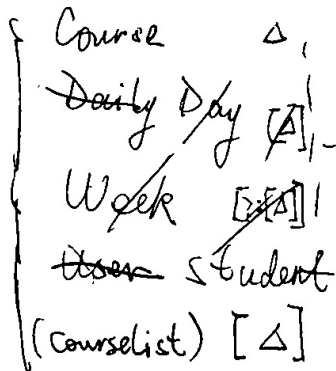


QzClient

Study



Model



Course.*? ViewModel

ViewMode

QZAPI { AuthUser
 Get CurrentTime → publisher → http Request
 Get Kbcx Azc ↗

QZ Client → a set of Publisher

Just (tokenCache) e.g. Fetch Courses; Any Publisher {Course}, AppToken
 nil → Failure
 ↓
 releaseError(AuthUser)
 ↓
 Get CurrentTime
 ↓
 Get kb
 ↓
~~retry catch~~ → ~~retry~~ (token) → Get CurrentTime → (token, CurrTime)
 ↓
 Get Kbcx Azc
 ↓
 [Course] ← [RespItem]
 map
 ↓
 if (token != nil) return token!
 error! ~~nil~~
 ↓
 > Catch err
 ↓
 token = nil
 cache
 > retry(3)

~~self.tokenPublisher~~
~~map { token in~~
~~AuthUser~~
~~Get~~

With fast path

cache

~~mapErr~~