Ian Cooper

REZY

FIND

RESERVE

DINE IN

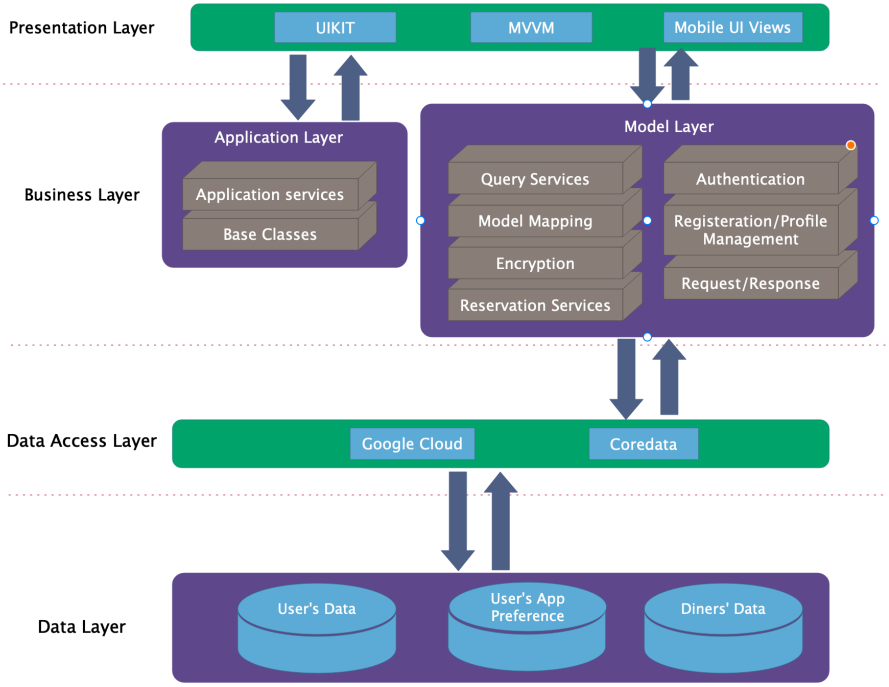
© Ian Cooper

Introducing **Rezy**
Revolutionizing reservation through the power of iOS and Google Cloud. Instantly, find restaurants nearby, reserve, and dine in. Rezy takes advantage of Google RealTime Database that provide users the best possible service. *Rezy is free to use and will be available across United States and soon Canada.

*Limited time: your first meal's on us. ;)

1.

HIGHER ARCHITECTURE



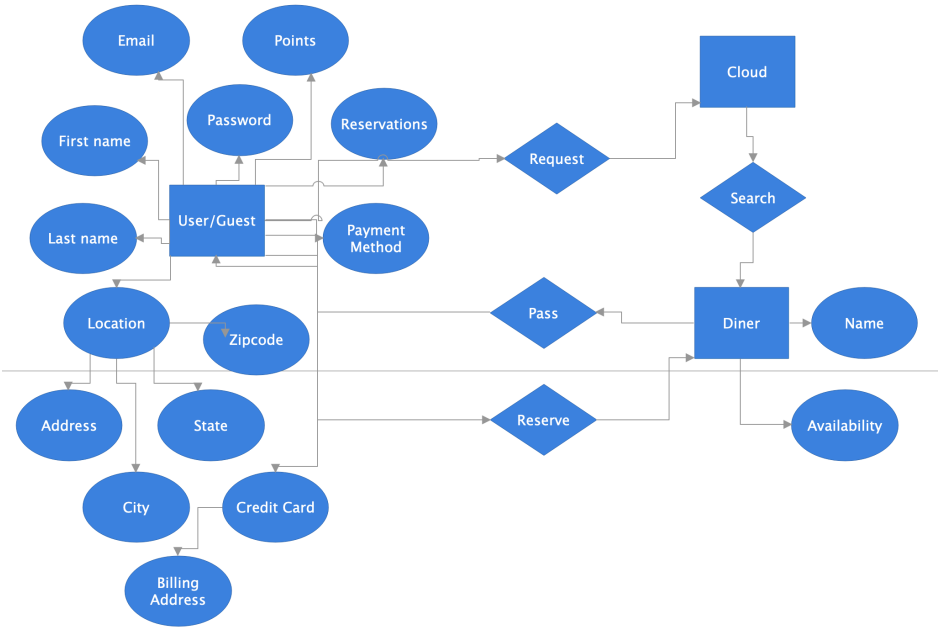
2.

DATABASE

User
UUID
Email(String)
Password(String)
First name(String)
Last name(String)
Reservations
Prefered Diner(UUID)
Eearned Point(s)(Int)
Preferred Payment Method(Cash, Credid, Check)
Address
UserUUID
Address(String)
City(String)
State(String)
Zipcode(String)
Billing Address
UserUUID
Address(String)
City(String)
State(String)
Zipcode(String)
Credit Card
UserUUID
Name on Card (String)
Card Number (Int)
Expiration Date(Date)
CVV(Int)
Billing Address
Diner
DinerUUID
Name(String)
Availability
Table Configuration
1-8(Dictionary: Tables:#of availability / reserved)
Dates
Time
Date
Availability
Reservations
Table Configuration
Date
Date
Time
Time
Table configuration
Reservation
UserUUID(Optional)
ReservationUUID
DinerUUID
First name(String)
Last name(String)
Phone Numer(String)
Dates
Number of Guest(s)(Int)
Table Configuration
No Show Charge (Bool)

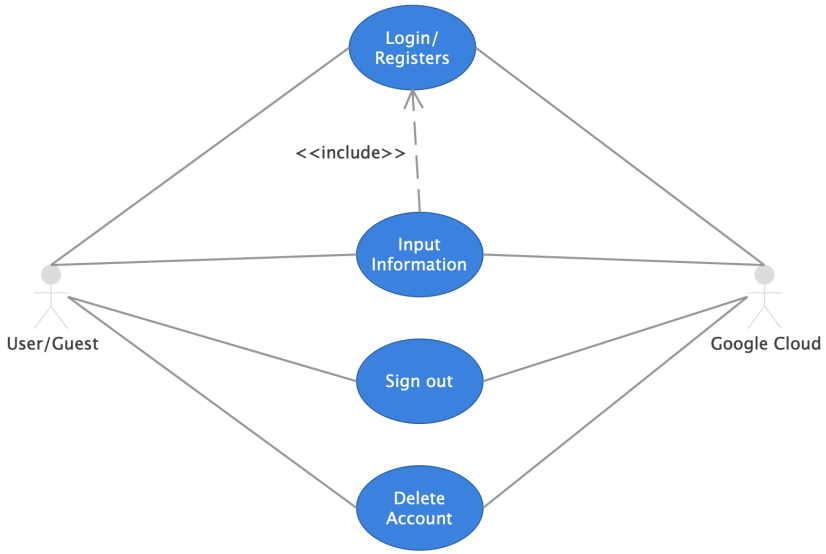
3.

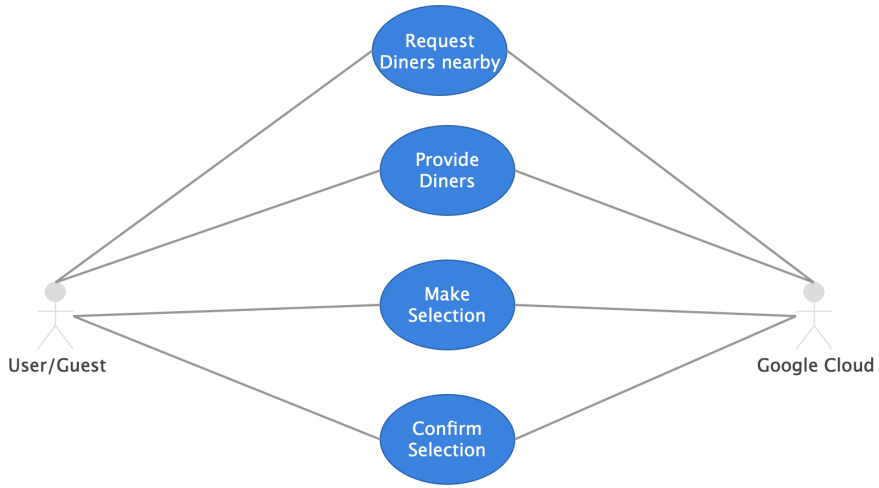
UML


Email
Points
Password
Reservations
First name
Request
Cloud
Search
Last name
User/Guest
Payment Method
Location
Zipcode
Pass
Diner
Name
Address
State
Reserve
Availability
City
Credit Card
Billing Address

4.

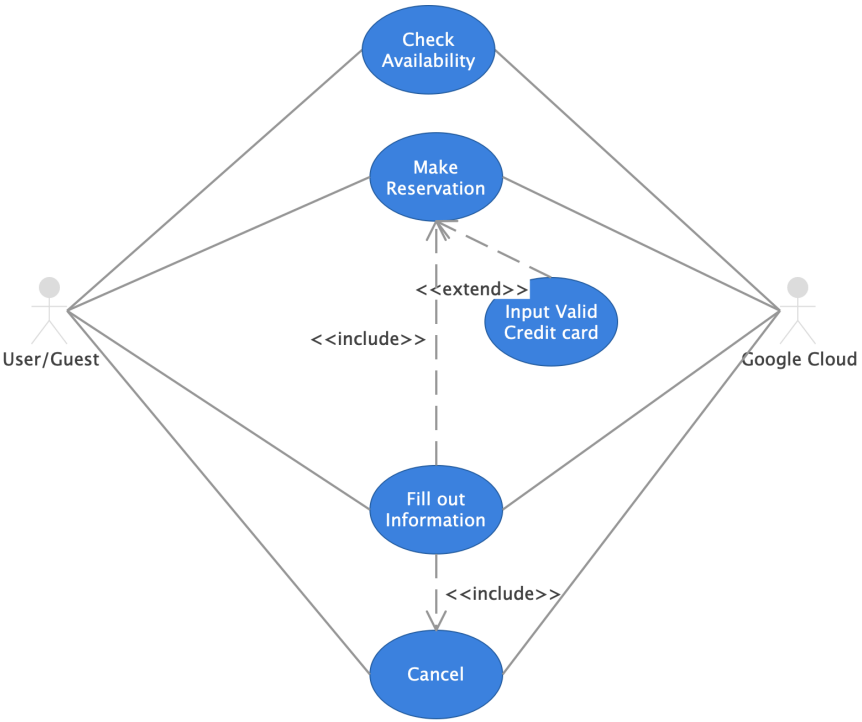
USE CASE MODEL





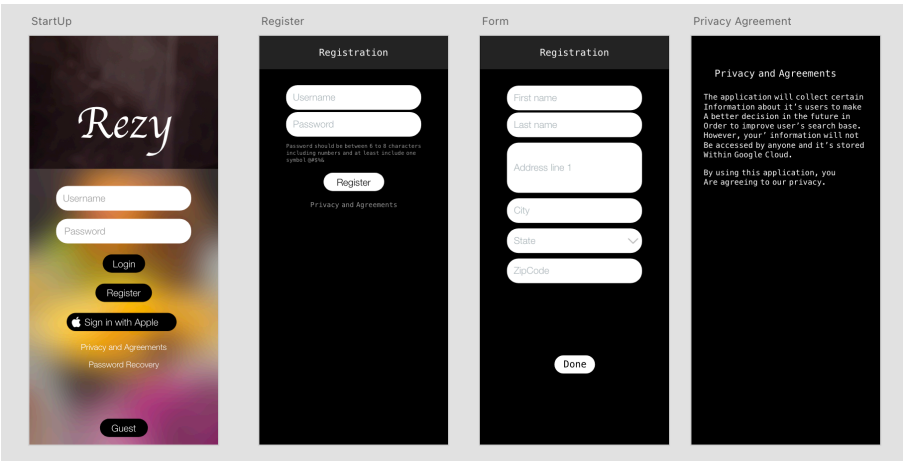
4.

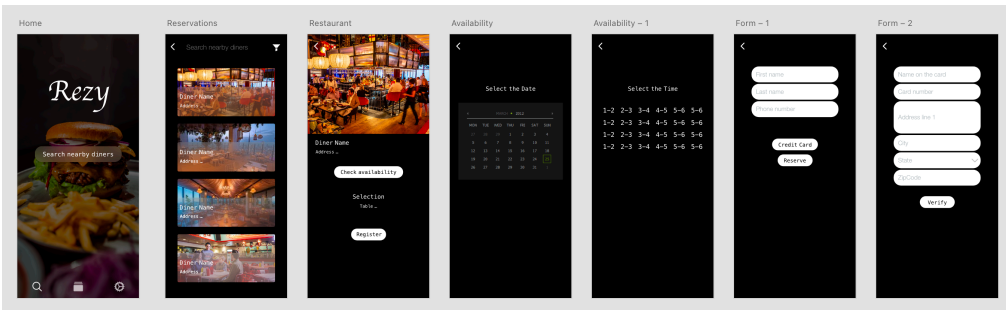
USE CASE MODEL

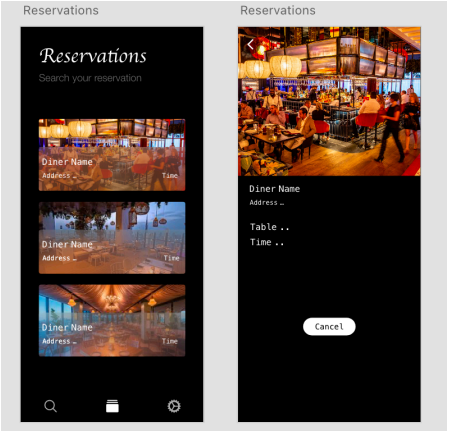


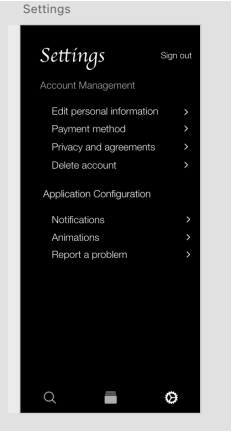
5.

DESIGN


StartUp
Rezy
Username
Password
Login
Register
Sign in with Apple
Privacy and Agreements
Password Recovery
Guest
Register
Registration
Username
Password
Password should be between 6 to 8 characters including numbers and at least include one symbol (#$%).
Register
Privacy and Agreements
Form
Registration
First name
Last name
Address line 1
City
State
ZipCode
Done
Privacy Agreement
Privacy and Agreements
The application will collect certain Information about it's users to make A better decision in the future in Order to improve user's search base. However, your' information will not Be accessed by anyone and it's stored Within Google Cloud.
By using this application, you Are agreeing to our privacy.


Home
Rezy
Search nearby diners
Reservations
Search nearby diners
Restaurant
Diner Name
Check availability
Selection
Register
Availability
Select the Date
Availability – 1
Select the Time
Form – 1
Credit Card
Reserve
Form – 2
Verify


Reservations
Reservations
Search your reservation
Diner Name
Address ..
Time
Reservations
Diner Name
Address ..
Table ..
Time ..
Cancel


Settings
Settings
Sign out
Account Management
Edit personal information
Payment method
Privacy and agreements
Delete account
Application Configuration
Notifications
Animations
Report a problem

6.

TECHNOLOGY

1. iOS
2. CoreData
3. Google FireBase Realtime Database
4. CryptoSwift (github.com/krzyzanowskim/CryptoSwift)