

# CRC Cards Nov. 13

## ApiEndpoints

@ (/login)	SvcUserLogin
@ (/search)	SvcSearch
@ (/claim_offer)	SvcClaimOffer
@ (/get_offer_details)	SvcGetOfferDet.
@ (/update_principal)	SvcUpdatePrinc.
@ (/get_claimed_offers)	SvcGetClaimed.
@ (/bank)	SvcMockBankA.

## SensoAPI

+ getLoanOffer	EntSensoRate
----------------	--------------

## BankAPI

+ getCreditScore	
------------------	--

## EntUser

> user_id	
> credit_score	
> down_payment	
> budget_mo	
> offers_table_name	

## EntSensoRate

> loan_amount	
> capital_sum	
> interest_sum	
> total_sum	
> interest_rate	
> term_mo	
> installments	

## SvcUserLogin

+ loginUser	<I> TableUsers
- getUser	EntUser
- createUser	BankAPI
- getCreditScore	

## SvcSearch

+ getMatchingOffers	<I> TableUsers
- selectUser	EntUser
- updateUserInfo	<I> TableCars
- obtainSensoOffers	EntCar
- populateOffersTable	<I> TableOffers
- getOffersAndCars	EntOffer
- searchAndSort	<I> SensoAPI
	UnitConv

## SvcClaimOffer

+ claimOfferForUser	<I> TableUsers
- getUser	EntUser
	<I> TableOffers

## SvcGetOfferDetails

+ getOfferForUser	<I> TableOffers
- getUser	EntOffer

## SvcGetClaimedOffers

+ getOffersForUser	<I> TableOffers
- getUser	[EntOffer]

EntCar	
> car_id > brand > model > year > price > mileage	

EntOffer	
> offer_id > car_id > loan_amount > capital_sum > interest_sum > total_sum > interest_rate > term_mo > installments > claimed	

TableUsers	<I> TableUsers
+ TableCars + addUser + getUserByID + removeUserByID	Conn EntUser

TableOffers	<I> TableOffers
+ TableOffers + newTable + getTableName + useExistingTable + addOffer + removeOfferByOfferID + removeAllOffers + getOfferByOfferID + getAllOffers + getClaimedOffer + markOfferClaimed/Unc.	Conn EntOffer

SvcUpdatePrincipal	
+ updatePrincipal - getUser - getOffer - updateSensoOffer	<I> TableUsers EntUser <I> TableOffers EntOffer <I> SensoAPI UnitConv

SvcMockBankAPI	
+ returnCreditScore	

UnitConv	
+ milesToKms	

<I> SensoAPI
--------------

<I> BankAPI
-------------

<I> TableCars
---------------

<I> TableUsers
----------------

<I> TableOffers
-----------------

TableCars	<I> TableCars
+ TableCars + getAllCars + addCar + removeCarByID	Conn EntCar