DataPackage( ) 1..\*

MonthlyTalkPackage( ) 1..\*

PhoneChoice( ) 1..\*

+ setStartupCost( PhoneChoice):

+getStartupCost(): double

+ getMonthlyBill( ) : double

+ phoneNumberCheck(String): boolean

DataPackage Class

* dataName: String
* dataPrice: double

+DataPackage( )

+ DataPackage (String, double)

+ getDataName() : String

+ getDataPrice( ) : double

+ setDataName (String )

+ setDataPrice ( double)

+ toString() : String

MonthlyTalkPackage Class

* talkMinutes: String
* talkPrice: double

+ MonthlyTalkPackage()

+MonthlyTalkPaackge(String, double)

+ getTalkMinutes() : String

+ getTalkPrice( ) : double

+ setTalkMinutes(String )

+ setTalkPrice( double)

+ toString() : String

PhoneChoice Class

* phoneName: String
* phonePrice: double

+PhoneChoice( )

+PhoneChoice(String, double)

+ getPhoneName() : String

+ getPhonePrice( ) : double

+ setPhoneName (String )

+ setPhonePrice ( double)

+ toString() : String

*Option Class*

* optionName: String
* optionPrice: double

+ Option( )

+Option(String , double)

+ getOptionName(): String

+getOptionPrice( ) : double

+ setOptionName(String ):

+ setOptionPrice( double) :

+ toString( ) :

TextMenu Class

* talkPackages: ArrayList<TalkPackages>
* phoneChoice: ArrayList<PhoneChoice>
* dataPackages: ArrayList<DataPackage>

+ Menu( )

+fileReadin( )

+ displayTalkPackages( ): String

+ displayPhoneChoiceOptions( ): String

+ displayDataPackageOptions( ): String

+ getTalkPackageSize( ): int

+ getPhoneChoiceSize( ) : int

+ getDataPackageSize( ): int

+ getTalkPackage(int ): TalkPackage

+ getPhoneChoice(int ): PhoneChoice

+ getDataPackage(int ): DataPackage

Customer Class

* name: String
* IDNum: int
* nextIDNum: int
* address: String
* city: String
* state: String
* zipCode: int
* phoneNumber: String

+monthlyTalkPackage: MonthlyTalkPackage

+ phoneChoice: PhoneChoice

+monthlyDataPackage: DataPackage

* monthlyBill: double
* startupBill: double
* shippingCost: double
* moveOn: Boolean
* AK\_HI\_PREFIXES: array
* AK\_HI\_SHIP\_COST: double
* SINGLE\_ZIP\_COST: double
* CON\_US\_SHIP\_COST: double

+ Customer( )

+ Customer (String, String, String, String, int, String)

+ getName( ) : String

+ getIDNum( ) : int

+ getAddress( ) : String

+ getCity( ) : String

+ getState( ) : String

+ getZipCode( ) : int

+ getPhoneNumber( ) : String

+ setName(String )

+ setIDNum( )

+ setAddress(String ) :

+ setCity(String ) :

+ setState(String) :

+ setZipCode(int ):

+ setPhoneNumber(String) :

+ toString( ): String

+ setMonthlyTalkPackage(MonthlyTalkPacakge):

+ setPhoneChoice(PhoneChoice):

+ setDataPackage(DataPackage):

+ getMonthlyTalkPackage(): MonthlyTalkPackage

+ getDataPackage( ): DataPackage

+ getPhoneChoice( ) : PhoneChoice

+ setMonthlyBll(MonthlyTalkPackage, DataPackage)

+ setShippingCost(String)

+ getShippingCost( ): double continued🡪

FieldOutOfBounds Class

+ FieldOutOfBounds( ): String