Sample Application

The purpose of this exercise is to just see how your coding style is and to gauge your current knowledge of iOS app development. Since the project itself is not as important as how it is implemented let's just go with a simple Contacts application based on the requirements below. At this point I do not want you wasting your time dealing with requirements that you are not familiar with yet. For example, if you do not know Core Data then skip that requirement implement it as you know how to. Keep in mind the purpose of this exercise is for me to determine what your current skill level is so I can have a better idea of what expectations will be.

I would like you to review all of these requirements and feel free to contact me for any clarifications. Once you have a good understanding then send me an email with a time estimate of how long it will take to you complete this sample. Once you submit it for review I will look it over and we will move forward from there.

Data Model

The application will start with 10 contacts in a JSON file that is parsed and imported into Core-Data. Each contact will have the attributes defined in the table below. These attributes are just a guideline of the required information, how the data model is organized is up to you to decide. Just be prepared to discuss your design decisions.

+ contactID: String	GUID that uniquely identifies the contact
+ firstName: String	First name of the contact
+ lastName: String	Last name of the contact
+ phoneNumber: String	Phone number for the contact
+ streetAddress1: String	Line 1 of the contact's address
+ streetAddress2: String	Line 2 of the contact's address
+ city: String	Contact's city
+ state: String	Contact's state
+ zipCode: String	Contact's zip code

UI

For the UI just model it after the built in iOS Contact's application from Apple. The user must have the ability to display the list of Contacts as well as add, update, and delete a contact. I'm not looking for a 100% feature complete application here, just trying to see your thought process in the implementation. I'm not concerned about field validation, etc. because all of that is easy to implemented so there is no need to waste time making sure everything is complete. But I will

test that I can at least add, update, and delete a contact. If you have a question about whether to implement some element, please email me.

FYI, there is already a Contacts app in our product. It's not a "code this for us" exercise.