

Flutter Sample Project

As part of the Eleven Systems interview process, it is asked for you to complete a simple Contacts app in Flutter.

The requirements of the app are explained below. Once you review and have a good understanding of them, send us an email with a project plan and time estimate of how long it will take you to complete the sample. Feel free to email us with any questions that you may have along the way.

Data Model

The application will start with 10 contacts in a JSON file that is parsed and imported into a database. 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 or Android native Contact's application. The user must have the ability to display the list of Contacts as well as add, update, and delete a contact. We are not looking for a 100% feature complete application here, just trying to see your thought process in the implementation. We are 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 we will test that we can at least add, update, and delete a contact. Again, if you have any questions about whether to implement an element, please email us.