What have you done in previous projects? – In my last project I was the lead android developer, working in the Turo app, I manage a team of developers and worked with UI/UX professionals and backend engineers. I was able to work with several technologies including Android Pay, PayPal, RESTful web services, Retrofit and several others.

Any app from scratch? – I have made some apps from scratch as a freelance and I also work for Conaculta, is a Mexican organization of arts and culture, I participate in the requirement gathering, planning and design of the app.

How often did you build? – The creation of a local work environment is necessary to be able to build the Android source files.

How often did you publish? – I have a lot of experience publishing apps, either new apps from that team that I participated to create the app from scratch, to publishing’s the new app versions with the latest technologies.

How often did you have the SCRUM meetings? – The SCRUM meeting are done in a daily basis, they are needed to be able to have a good visibility of the team and the project in general, by knowing the tasks for that day, if the last day tasks were completed, if not, the reason and how to accomplish the results in time.

Have you used flavors? – I have use flavors several times, but I have principally used them while creating demo applications, they are needed to show the client how the application work so the client will like it.

What is a memory heap? – Is the amount of memory we have available to allocate the app, if we go over the heap size we’ll get an out of memory exception; we are able to manipulate the maximum size of the heap in case the app needs it.

What is a heap talking about data structures? – When talking about data structures, there are different kind of heap or trees, for example the Binary heap/tree the father can’t have more than two children, another example of Heap would be the Binomial tree.

What about a binary tree? –It’s a complete tree, all the levels are completes, except for the last, so is very easy to be store,

Could you give me some example of a binary search tree?

5

26 52

90 45 30

What is the proxy pattern? – Is a design patters that works in place of another object so it can be access later, it is used when a wrapper needs to be created to hide the main object complexity from the client.

Is the proxy pattern used in Retrofit?  - It can be used for a remote proxy, in which a local representation of the object is presented and or an interface is provided for a remote resource, here is where the retrofit will be used.

When do we prefer to use the builder pattern? – It is very useful when there are a lot of process and steps needed to create the final object.

What are the disadvantages of the builder pattern? – It needs to create a different ConcreteBuilder for every product.

What is an idling resource in Espresso? – Idling represent a resource of the application that is being tested that can cause asynchronous problems during the test execution.

Have you used Jenkins? – When I worked in open table, Jenkins was the technology we used to initiate automated test bed.

Did you use Dagger 1 or Dagger 2?  - While working in open table, the technology I used to do the dependency injection was dagger, it help us reduce and the coupling.

When would you use MVC or MVP? – The main factor is that MVC controller is all about processing the user inputs and changing them to instructions in the model, while MVP focus more in the relation between the model and the view, so is used if the interaction between model and view is more complex.

What is new in Android? – Android Marshmallow allow SD card or external storage to store apps and games easier; also the apps are designed for only ask for permission right when it’s needed, any permission can be deny and still continue to use the app and the fingerprint sensor can be used for unlock device, purchase in Google Play or in stores.

Did you use ExoPlayer? – ExoPlayer is an application media player in Android, provides and alternative for playing audio and video, either locally oro ver the internet.