PUT/POST Questions

What is a RESTful interface? When do you use it? What are its characteristics?

It is an application program interface that uses HTTP request to POST, PUT, DELETE, and GET data.

What is the difference between POST and PUT?  
A post is use to create, and a put does not.

How does the record ID work in Firebase? Why does it take two steps to save a record (first POST then PUT) in our app? Why does the FirebaseItem protocol even exist?

You need a record ID to updated the database in Firebase.

Explain what a generic type is and what advantages it offers.

A generic type is a generic class that is parameterized over types.

What does a URLRequest do? When do you need one and when can you just use a URL?

I don’t know.

What is the role of a URL session? How does it work?

A URLSession is an object that coordinates a group of related network data transfer tasks.

What are completion handlers? Why use completion handlers? What advantages do they provide? A completion handler is a closure. We use completion handle when we want to accomplished something, but don’t know how long it will take to complete or if it ever will.

Explain at least three strategies that promote code reuse that we used in today's project