**Report of assignment4**

1. **Team members**

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1. **Technical design**

***Function1,*** access private trainer information offline.

In the project,we use the common API provided by the Network Bound Resource class for its subclasses.

Encapsulate a class JcodecraeerApiFactory that generates retrofit instances.

Retrofit interface for GitHub data acquisition.

Define the help class NetworkBoundResourceSimple that handles the network request process.

Here we assume that retrofit and the results returned by the database are non-Observable, and then all operations are put into an Observable, which is relatively simple to implement, but the disadvantage is that if the API of retrofit is using Observable, the interface of retrofit needs to be modified.

So here I call it Network Bound Resource Simple. Later I will introduce a retrofit interface that returns the version of Observable. Let's start with NetworkBoundResourceSimple to clarify the process.

After defining the helper class NetworkBoundResourceSimple, we define a RepoRepository Simple to implement specific network calls. User interface needs data to be obtained through it.

***Function 2,*** access training articles offline.

The same as the function1.

1. **Running results**

