POKEAPP

Requirement :

1. Use Kotlin
2. Use clean architecture with clear code separation, you may use any pattern (MVVM, MVP, VIPER, VIP, etc)
3. API call using Retrofit and/or RxJava
4. Use fragment for any page that you think it is suitable
5. Handling error when there is no internet connection, or got error from API
6. Save the API result to local cache(internal storage, sqlite, etc) , and load it from cache first, while making request to API
7. Having unit test is preferable
8. Push your code to github and give us access to read for review
9. Finish the project within 1 week after you receive the email

Pokeapp Flow
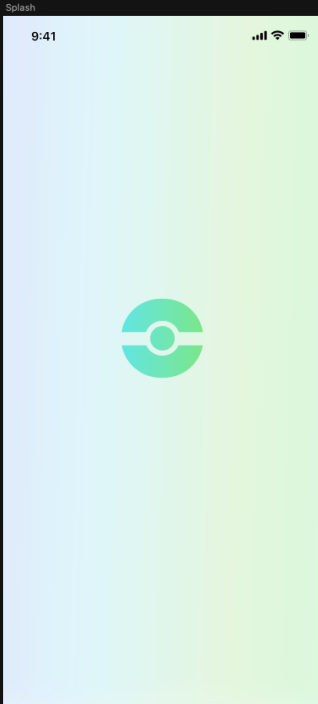Note : you can use these api to create this app : https://pokeapi.co/docs/v2

1. Splash Screen
2. Then Go to Main Menu, on the main menu we can select one of the pokemon listed

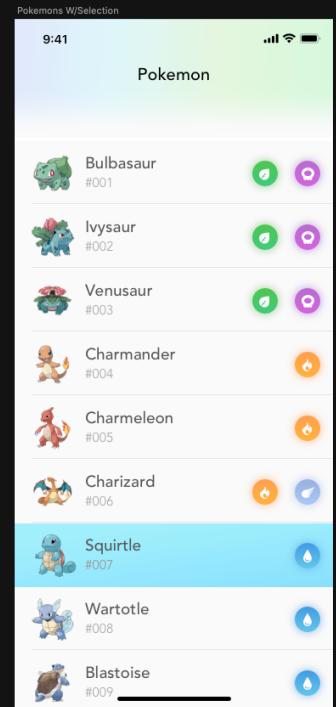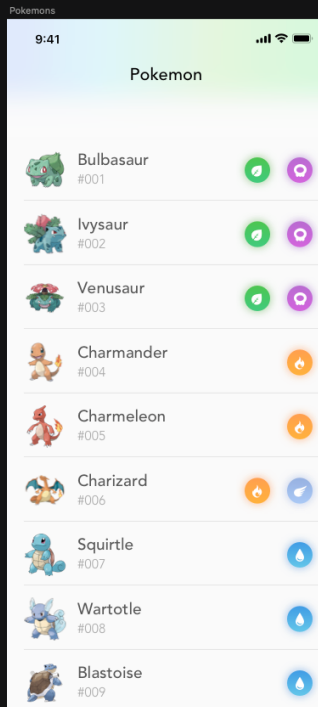and then we will redirected to pokemon details page
3. On Pokemon details page there is 2 tab which is Stats and Evolution

a. On Stats we can see details of the pokemon stats b. On Evolution we can see evolution of the pokemon

Splash Screen

Main Menu

9:41

9:41

Pokemon

Bulbasaur
#001

Ivysaur
#002

Venusaur
#003

Charmander
#004

Charmeleon
#005

Charizard
#006

Squirtle
#007

Wartotle
#008

Blastoise
#009

9:41

Pokemon

Bulbasaur
#001

Ivysaur
#002

Venusaur
#003

Charmander
#004

Charmeleon
#005

Charizard
#006

Squirtle
#007

Wartotle
#008

Blastoise
#009

Stats

9:41

Squirtle

| STATS | EVOLUTIONS |

HP	000
ATK	000
DEF	000
SATK	000
SDEF	000
SPD	000

Weaknesses

	2x		2x		2x
	2x		2x		2x
	2x		2x		2x
	2x		2x		2x
	2x		2x		2x
	2x		2x		2x

Abilities

Torrent
Powers up Water-type moves when the Pokémon is in trouble.

Rain Dish 🔄
The Pokémon gradually regains HP in rain.

Breeding

Egg Group	Hatch Time	Gender
Monster	5101 Steps	12.5%
Water I	20 Cycles	87.5%

Capture

Habitat	Generation	Capture Rate
Waters-Edge	Generation 1	45%

Sprites

Normal	Shiny

Pokemon

9:41

Squirtle

💧 WATER

Squirtle's shell is not merely used for protection. The shell's rounded shape and the grooves on its surface help minimize resistance in water, enabling this pokemon to swim at high speed.

| STATS | EVOLUTIONS |

HP	000
ATK	000
DEF	000
SATK	000
SDEF	000
SPD	000

Evolutions

9:41

Squirtle

| STATS | EVOLUTIONS |

Squirtle — Lv.16 — Wartortle

Blastoise — Lv.32 — Blastoise

Blastoise — Mega Stone — Mega Blastoise