

Draft Two of Project Proposal -- 3

Environment:

System: Windows 10

IDE: Android Studio, VSCode and AVD Manger

Language: Dart

Outline Details

- First, initial a Flutter project. And in the 'pubspec.yaml' file, we add the libraries we need.

```
charts_flutter: "^0.4.0"
```

- Them, we define the data structure

```
class Barsales {  
  String day;  
  int sale;  
  Barsales(this.day, this.sale);  
}  
  
class Linesales {  
  DateTime time;  
  int sale;  
  Linesales(this.time, this.sale);  
}
```

- Next, define the data sources

```
List<Linesales> dataLine = [  
  new Linesales(new DateTime(2019, 7, 2),  
33),  
  new Linesales(new DateTime(2019, 7, 3),  
55),  
  new Linesales(new DateTime(2019, 7, 4),  
22),  
  new Linesales(new DateTime(2019, 7, 5),  
88),  
  new Linesales(new DateTime(2019, 7, 6),  
123),  
  new Linesales(new DateTime(2019, 7, 7),  
75),  
];  
List<Barsales> dataBar = [
```

```
new Barsales("1", 20),  
new Barsales("2", 50),  
new Barsales("3", 20),  
new Barsales("4", 80),  
new Barsales("5", 120),  
new Barsales("6", 30),  
];
```

- Finally, start the Android virtual machine and run out project on it.