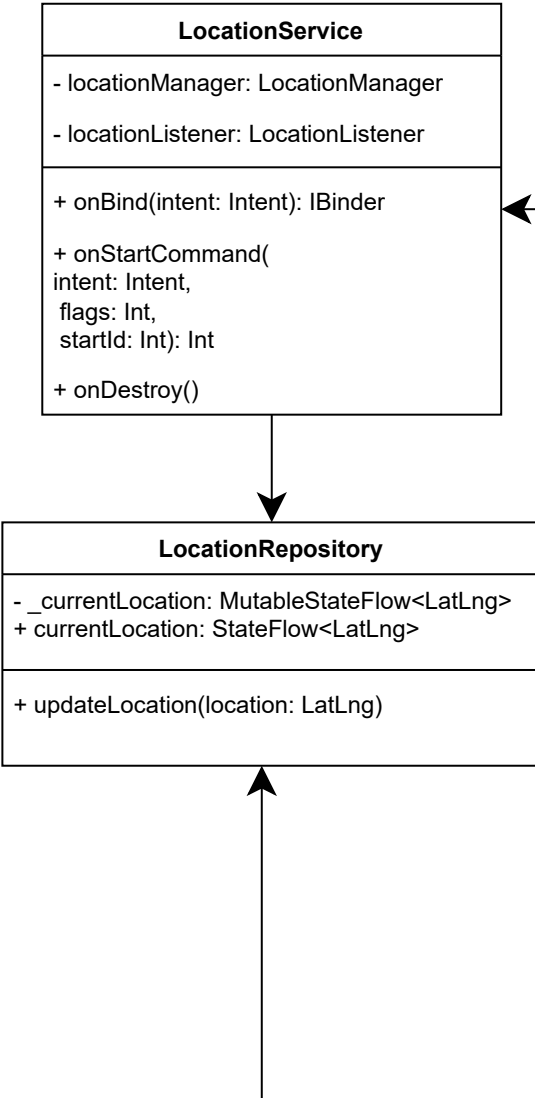
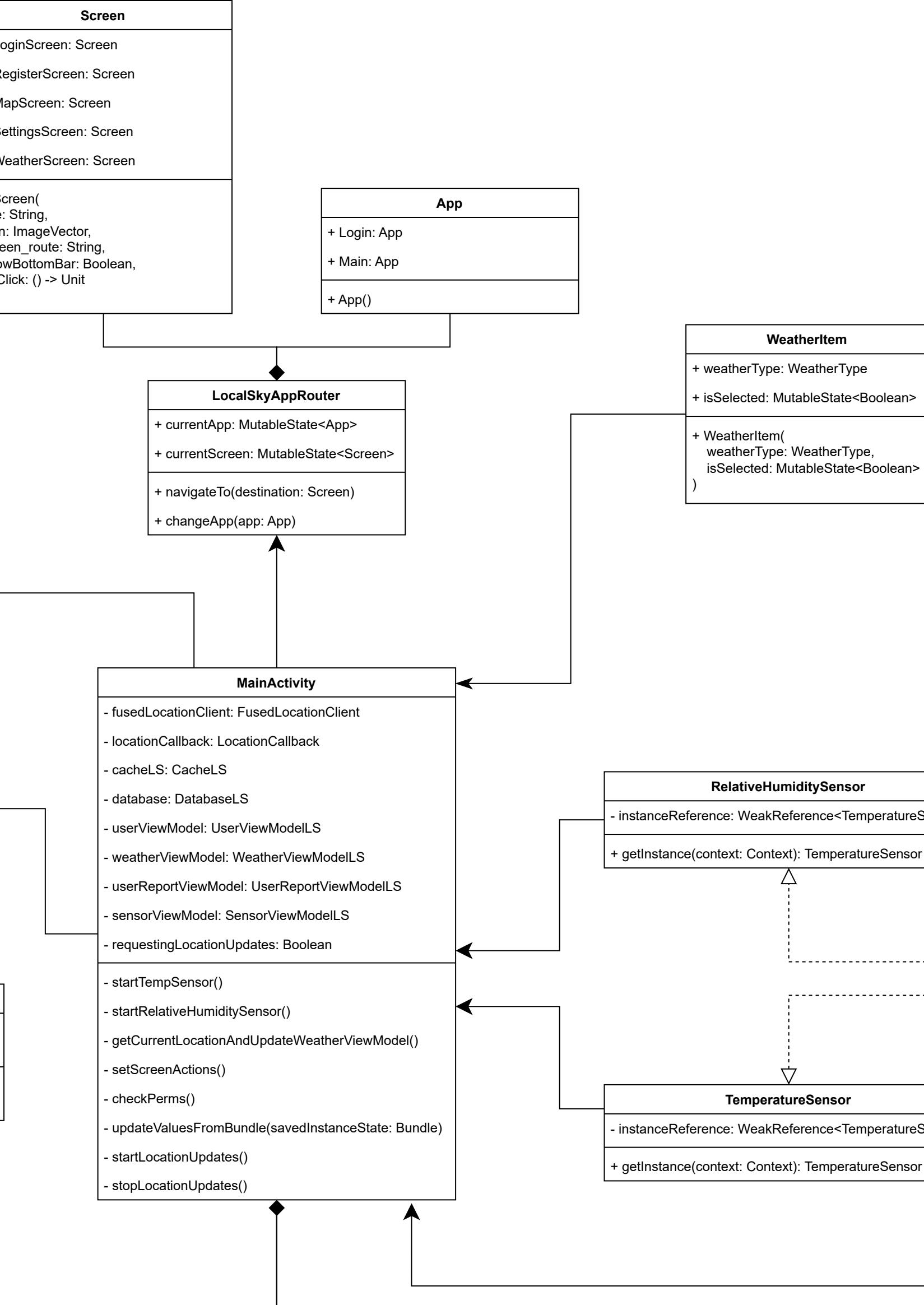
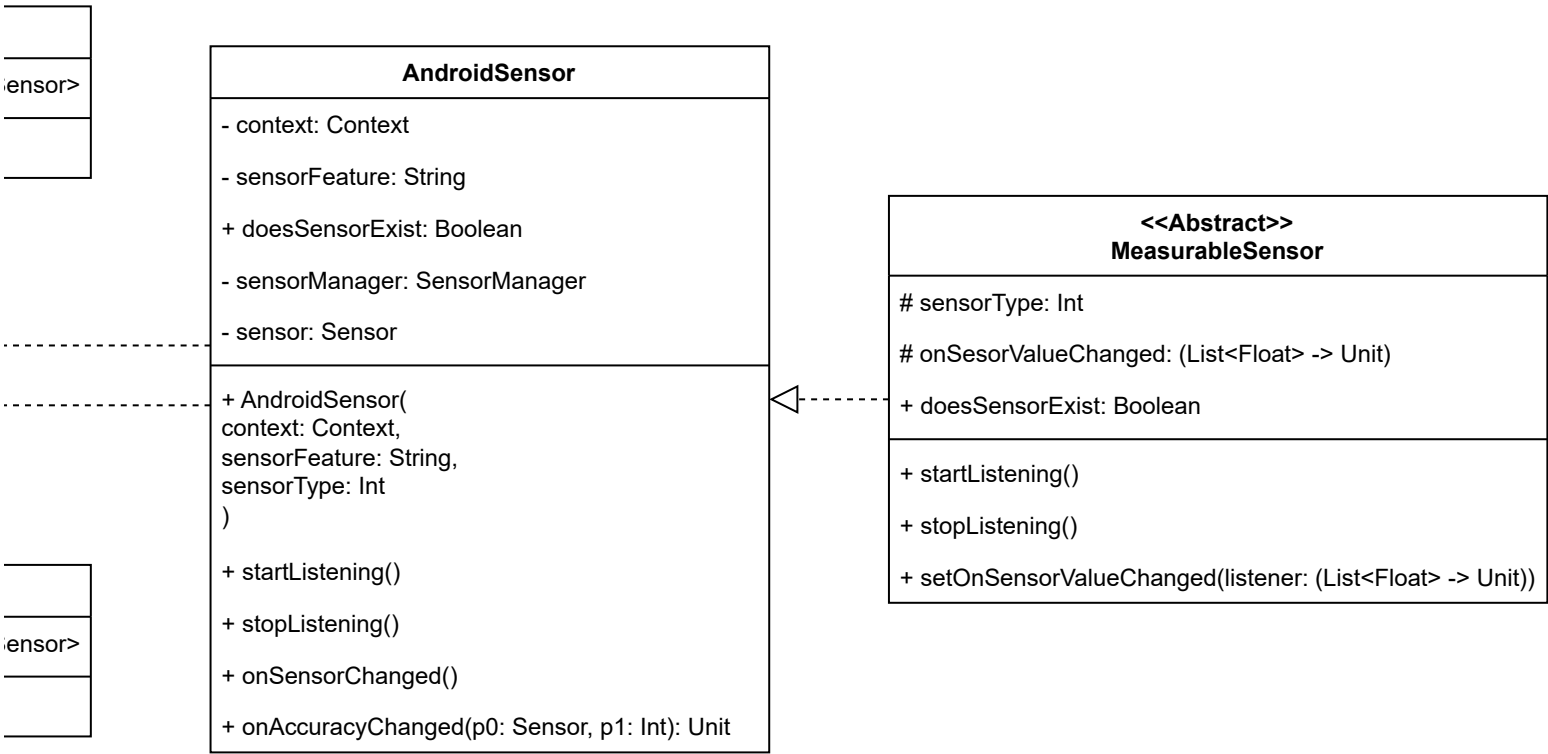
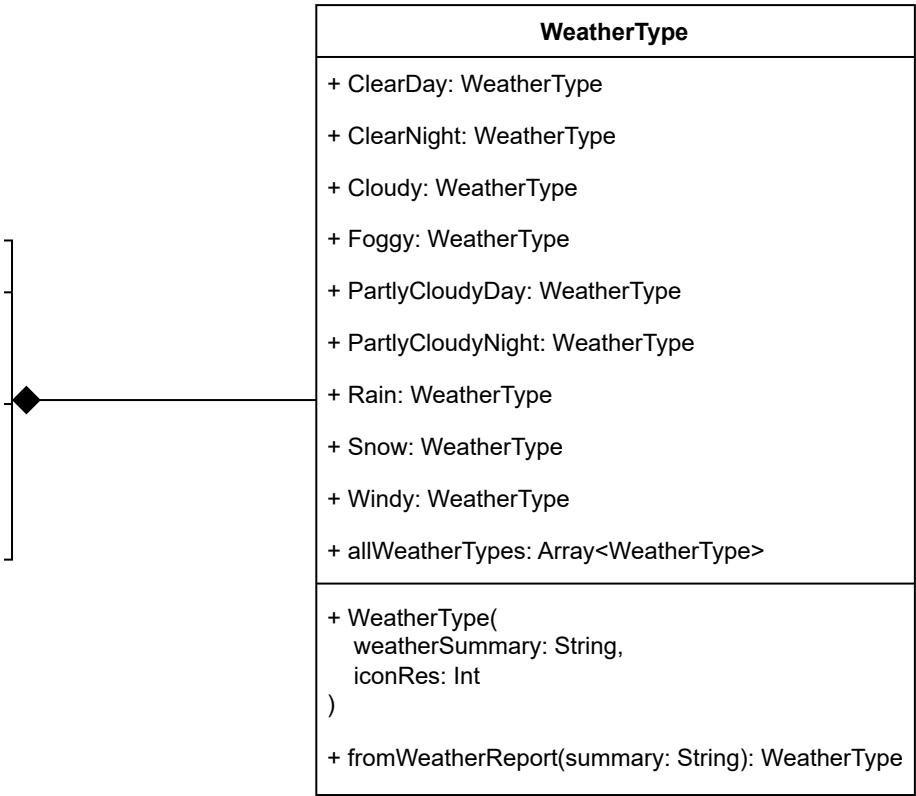
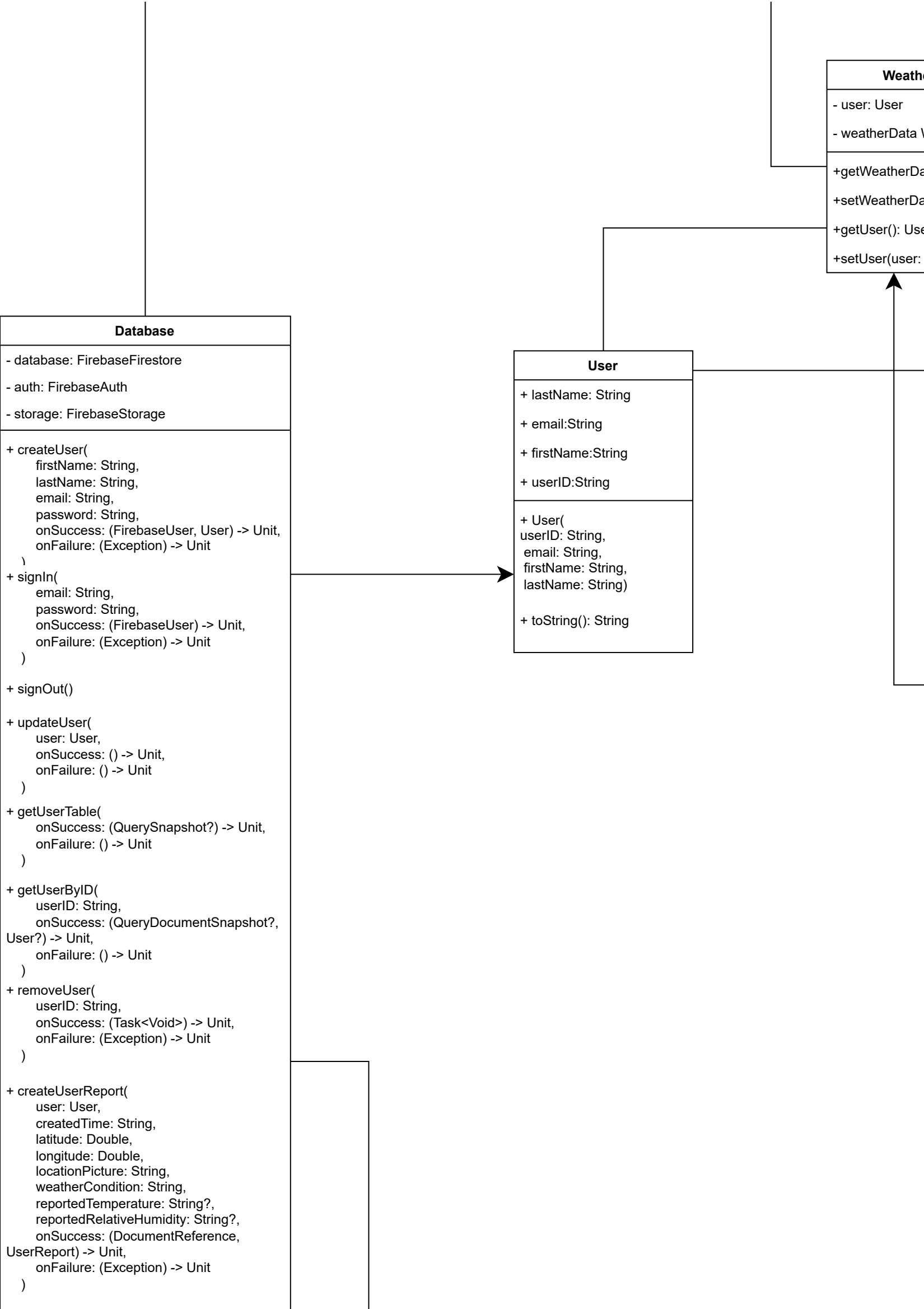


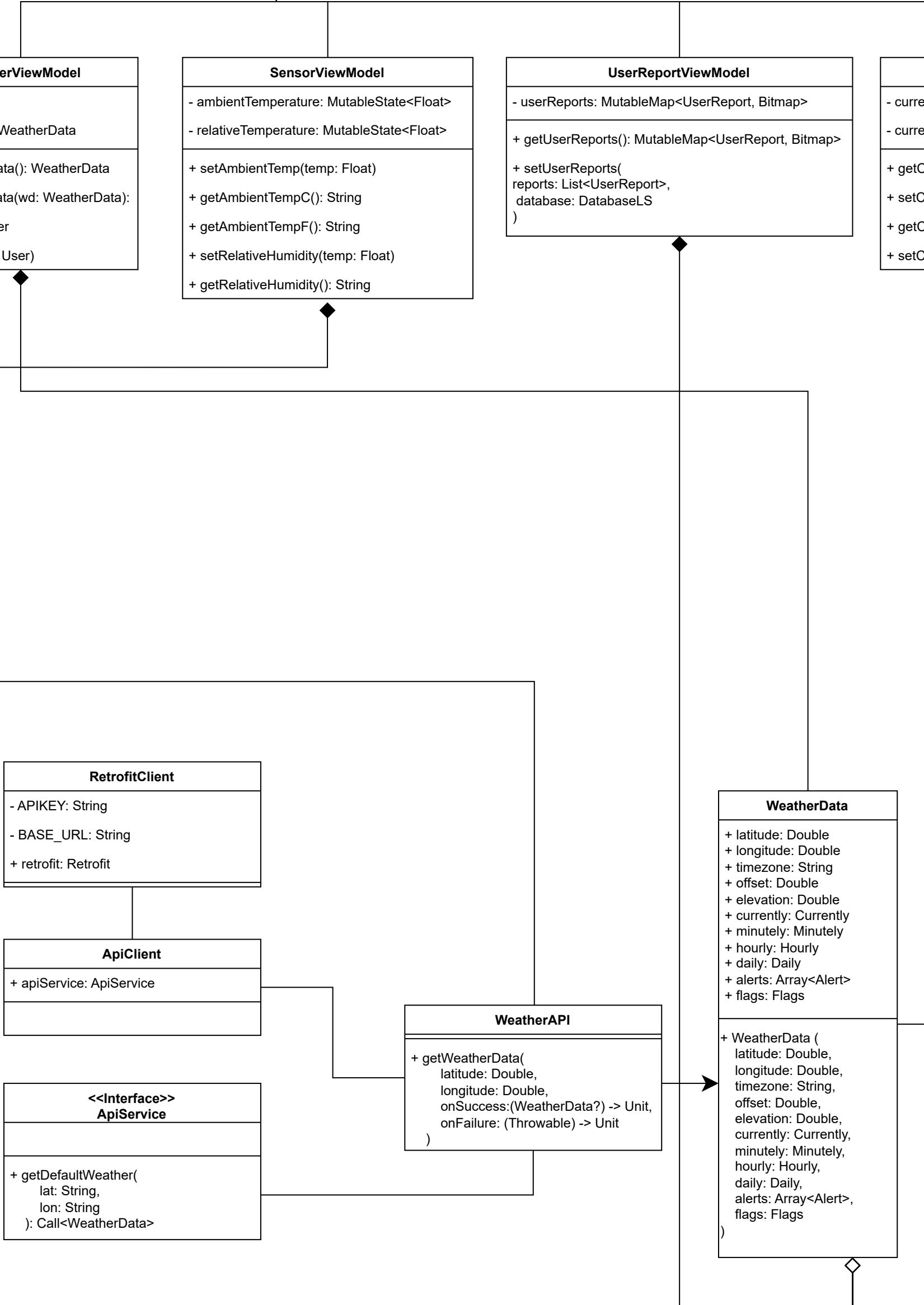
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| + L |
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| + S title icon screen shc on() |

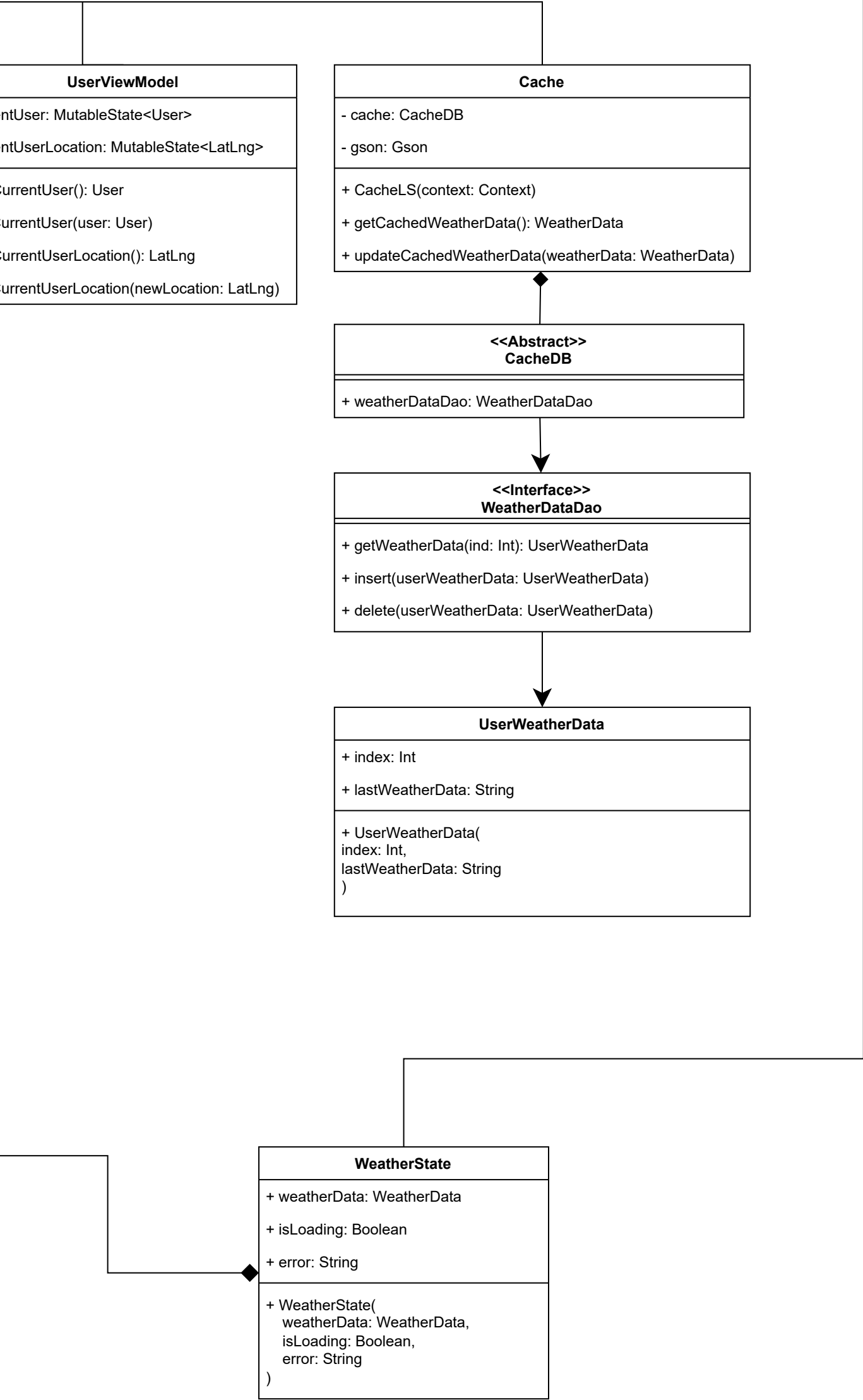












```
+ uploadImage(  
  image: Bitmap,  
  userID: String,  
  fileName: String,  
  onSuccess: (String) -> Unit,  
  onFailure: (Exception) -> Unit  
)  
  
+ uploadReport(  
  image: Bitmap,  
  user: User,  
  latitude: Double,  
  longitude: Double,  
  weatherCondition: String,  
  reportedTemperature: String?,  
  reportedRelativeHumidity: String?,  
  onSuccess: (DocumentReference,  
  UserReport) -> Unit,  
  onFailure: (Exception) -> Unit  
)  
  
+ getAllUserReports(  
  latLng: LatLng,  
  callback: (List<UserReport>?) -> Unit  
)  
  
+ getCurrentUser(): FirebaseUser  
  
+ getUserReportImage(  
  url: String,  
  onSuccess: (Bitmap) -> Unit,  
  onFailure: () -> Unit  
)
```

UserReport

+ userID:String

+ createTime: String

+ latitude: Double

+ longitude: Double

+ locationPicture: String

+ weatherCondition: String

+ reportedTemperature: String

+ reportedRelativeHumidity: String

+ USER_REPORT_TABLE: String

+ USER_ID: String

+ CREATED_TIME: String

+ LATITUDE: String

+ LONGITUDE: String

+ LOCATION_PICTURE: String

+ WEATHER_CONDITION: String

+ REPORTED_TEMPERATURE: String

+ REPORTED_RELATIVE_HUMIDITY: String

+ UserReport(
 userID:String,
 createTime: String,
 latitude: Double,
 longitude: Double,
 locationPicture: String,
 weatherCondition: String,
 reportedTemperature: String,
 reportedRelativeHumidity: String)

+ toString(): String

Alert

+ title: String

+ regions: Arr

+ severity: Sti

+ time: Doubl

+ expires: Do

+ description:

+ uri: String

+ Alert(
 title: Strin
 regions: /
 severity: :
 time: Dou
 expires: [
 descriptio
 uri: String
)

Utils

- REPORT_VALID_TIME_HOURS = 2

- MAX_MARKER_DISTANCE = 2

+ parseTime(time: String): String

+ isReportValid(
 report: UserReport,
 userLat: Double,
 userLong: Double): Boolean

+ isReportValidLocation(
 userLat: Double,
 userLong: Double,
 givenLat: Double,
 givenLong: Double): Boolean

+ isReportValidTime(time: String): Boolean



Alert

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: String

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Array<String>,
String,
ble,
Double,
on: String,
}

Currently

+ time: Double
+ summary: String
+ icon: String
+ nearestStormDistance: Double
+ nearestStormBearing: Double
+ precipIntensity: Double
+ precipProbability: Double
+ precipIntensityError: Double
+ precipType: String
+ temperature: Double
+ apparentTemperature: Double
+ dewPoint: Double
+ humidity: Double
+ pressure: Double
+ windSpeed: Double
+ windGust: Double
+ windBearing: Double
+ cloudCover: Double
+ uvIndex: Double
+ visibility: Double
+ ozone: Double

+ Currently(
time: Double,
summary: String,
icon: String,
nearestStormDistance: Double,
nearestStormBearing: Double,
precipIntensity: Double,
precipProbability: Double,
precipIntensityError: Double,
precipType: String,
temperature: Double,
apparentTemperature: Double,
dewPoint: Double,
humidity: Double,
pressure: Double,
windSpeed: Double,
windGust: Double,
windBearing: Double,
cloudCover: Double,
uvIndex: Double,
visibility: Double,
ozone: Double,
)

Minutely

+ summary: String
+ icon: String
+ data: Array<MinutelyData>

+ Minutely(
summary: String,
icon: String,
data: Array<MinutelyData>
)

MinutelyData

+ time: Double
+ precipIntensity: Double
+ precipProbability: Double
+ precipIntensityError: Double
+ precipType: String

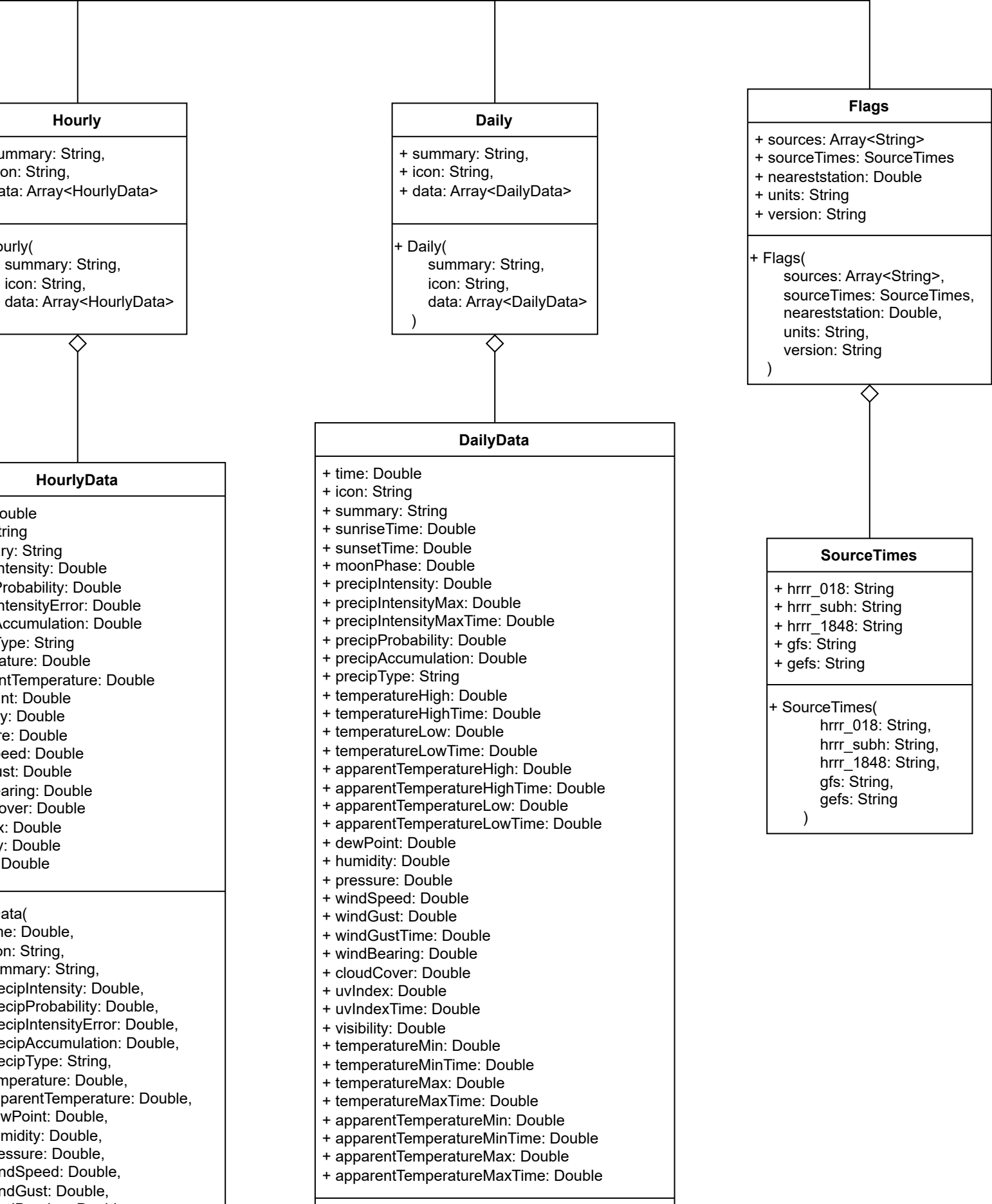
+ MinutelyData(
time: Double,
precipIntensity: Double,
precipProbability: Double,
precipIntensityError: Double,
precipType: String
)

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+ time: D
+ icon: S
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+ precipI
+ precipF
+ precipI
+ precipA
+ precipT
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+ appare
+ dewPoi
+ humidit
+ pressur
+ windSp
+ windGu
+ windBe
+ cloudC
+ uvInde
+ visibility
+ ozone:

+ HourlyD
time
icon
summary
precipIntensity
precipProbability
precipIntensityError
precipType
temperature
apparentTemperature
dewPoint
humidity
pressure
windSpeed
windGust
windBearing
cloudCover
uvIndex
visibility
ozone



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ndBearing: Double,
oudCover: Double,
Index: Double,
sibility: Double,
one: Double,

```
+ DailyData(  
    time: Double,  
    icon: String,  
    summary: String,  
    sunriseTime: Double,  
    sunsetTime: Double,  
    moonPhase: Double,  
    precipIntensity: Double,  
    precipIntensityMax: Double,  
    precipIntensityMaxTime: Double,  
    precipProbability: Double,  
    precipAccumulation: Double,  
    precipType: String,  
    temperatureHigh: Double,  
    temperatureHighTime: Double,  
    temperatureLow: Double,  
    temperatureLowTime: Double,  
    apparentTemperatureHigh: Double,  
    apparentTemperatureHighTime: Double,  
    apparentTemperatureLow: Double,  
    apparentTemperatureLowTime: Double,  
    dewPoint: Double,  
    humidity: Double,  
    pressure: Double,  
    windSpeed: Double,  
    windGust: Double,  
    windGustTime: Double,  
    windBearing: Double,  
    cloudCover: Double,  
    uvIndex: Double,  
    uvIndexTime: Double,  
    visibility: Double,  
    temperatureMin: Double,  
    temperatureMinTime: Double,  
    temperatureMax: Double,  
    temperatureMaxTime: Double,  
    apparentTemperatureMin: Double,  
    apparentTemperatureMinTime: Double,  
    apparentTemperatureMax: Double,  
    apparentTemperatureMaxTime: Double  
)
```