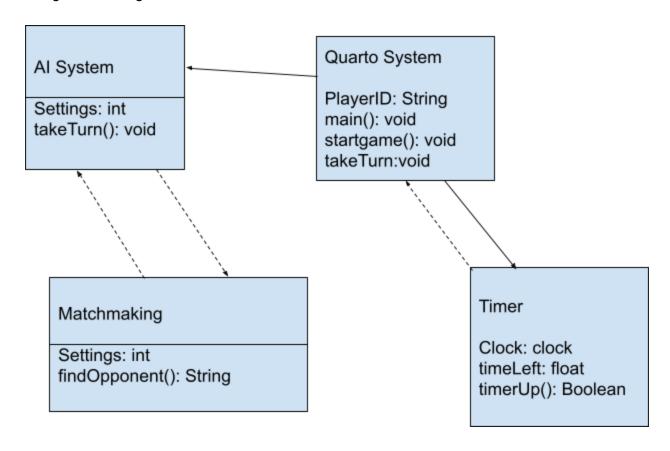
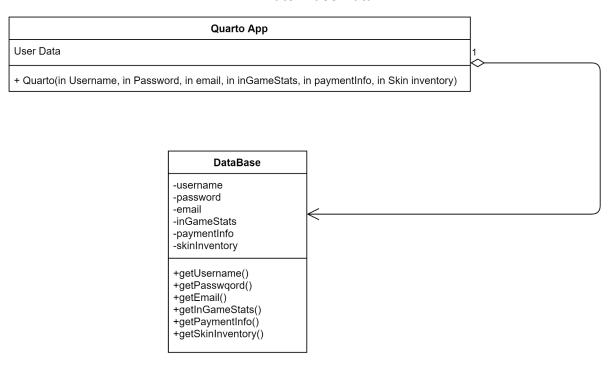
## Design Class Diagram



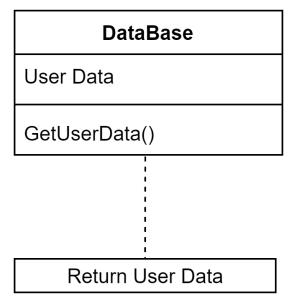


## Design pattern diagrams:

## **Private Class Data**



**Singleton** 



## **Factory Method**

