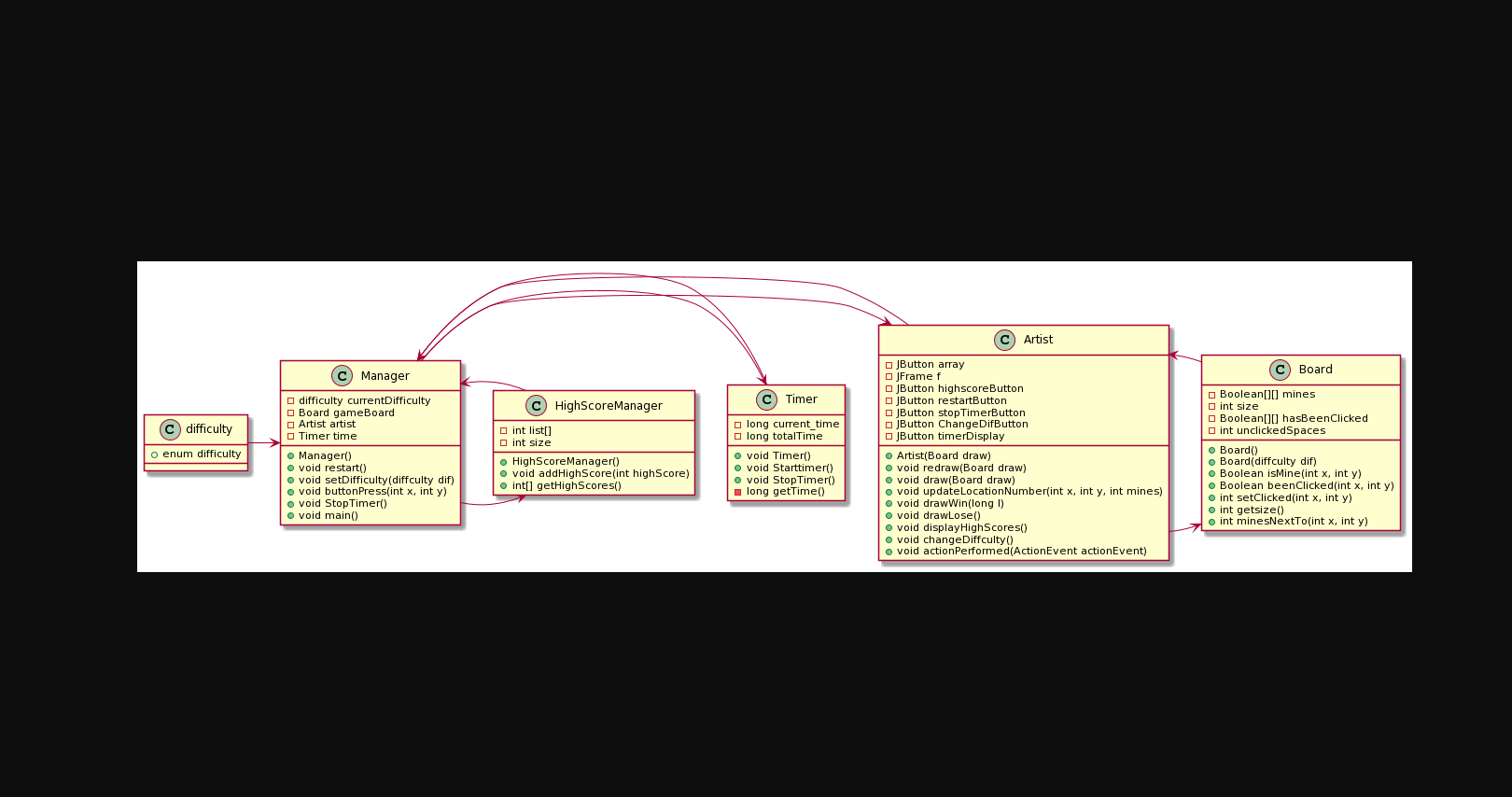
**The class diagram: -**



**The sequence diagram.**

