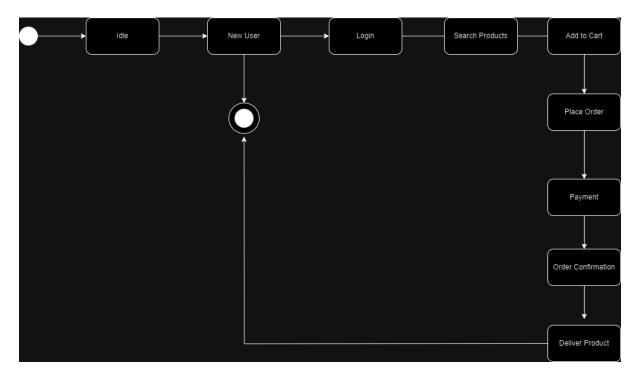
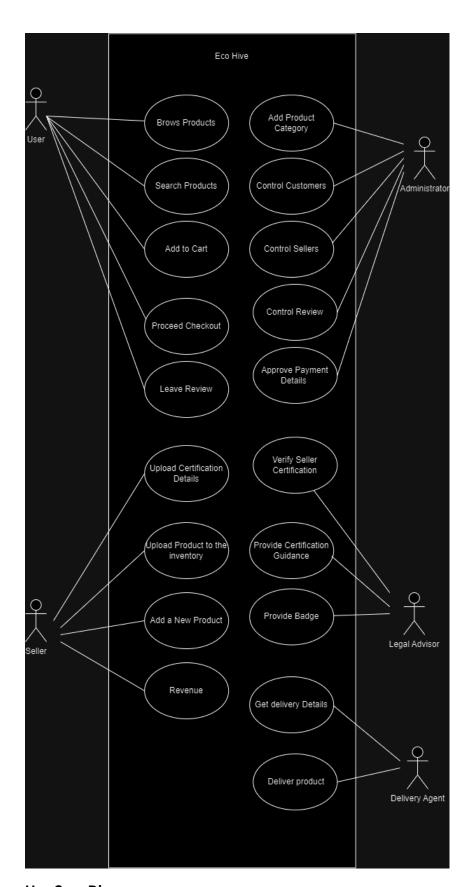
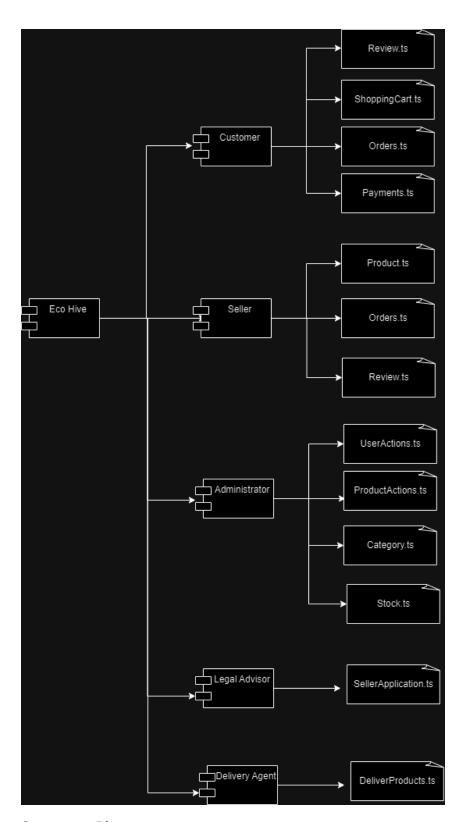
## **UML Diagrams**



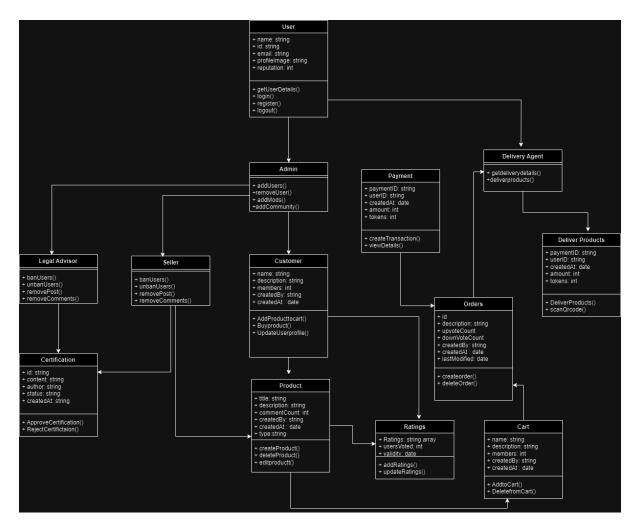
State diagram



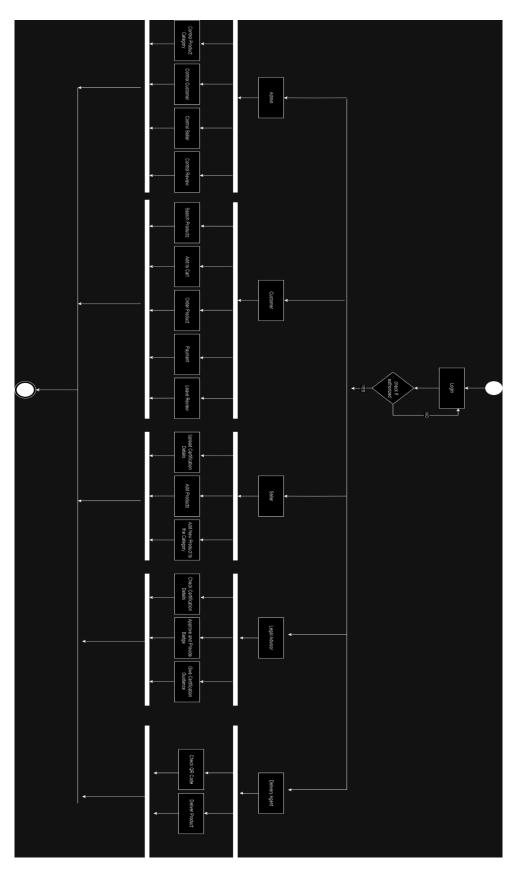
**Use Case Diagram** 



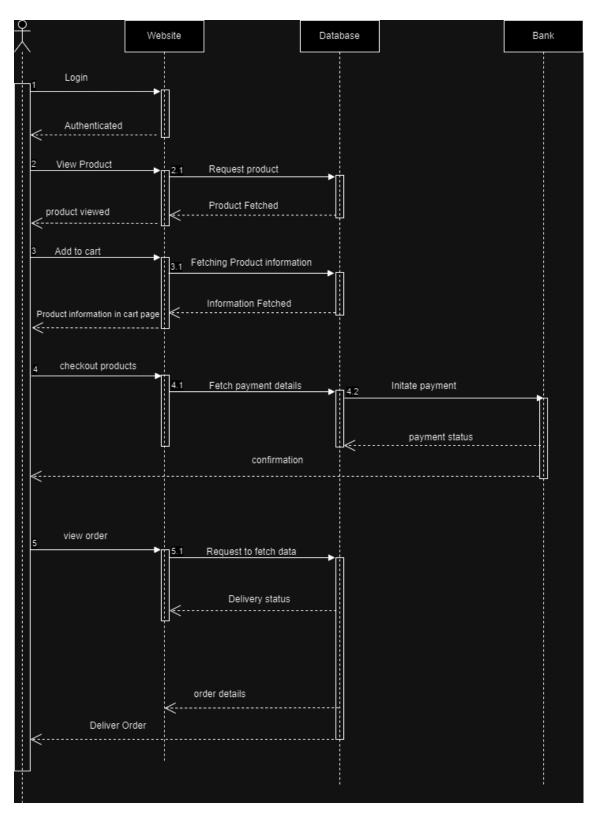
**Component Diagram** 



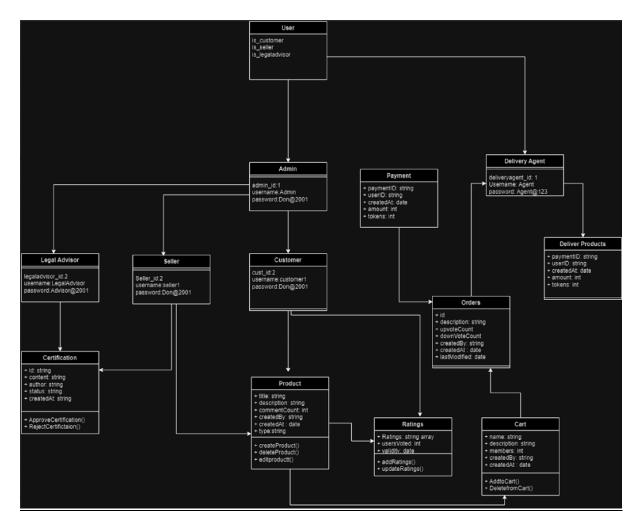
**Class Diagram** 



**Activity Diagram** 



**Sequence Diagram** 



**Object Diagram** 

