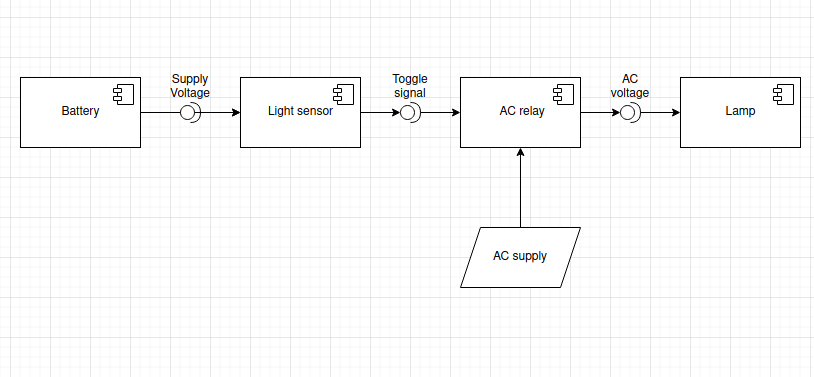
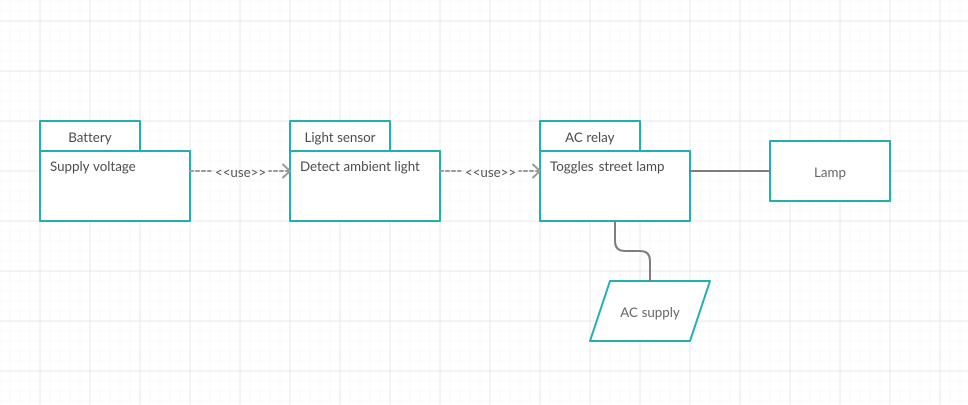
**Design**

**High level UML design**

Structural diagram:

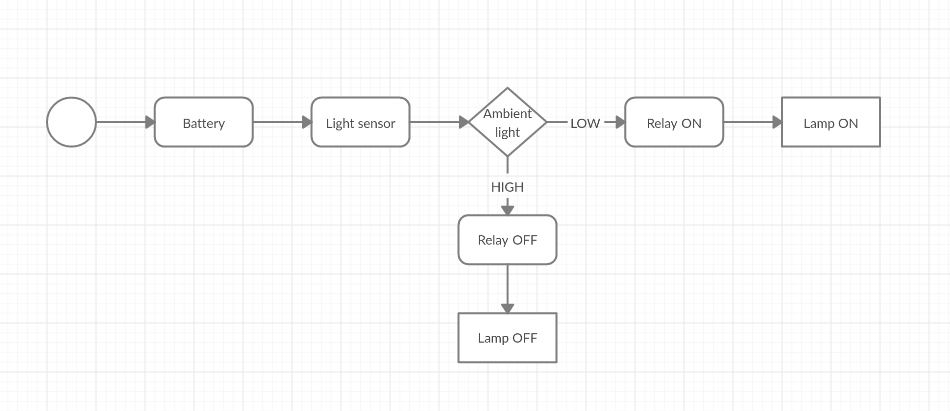


Component diagram

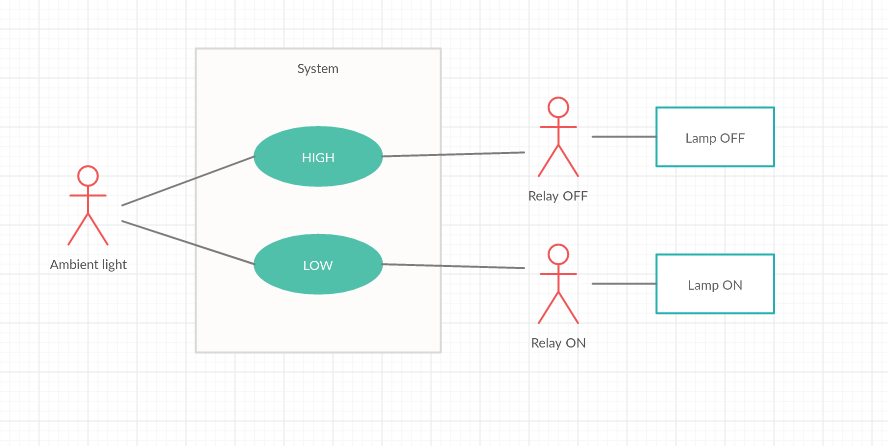


Package diagram

Behavioral diagram:



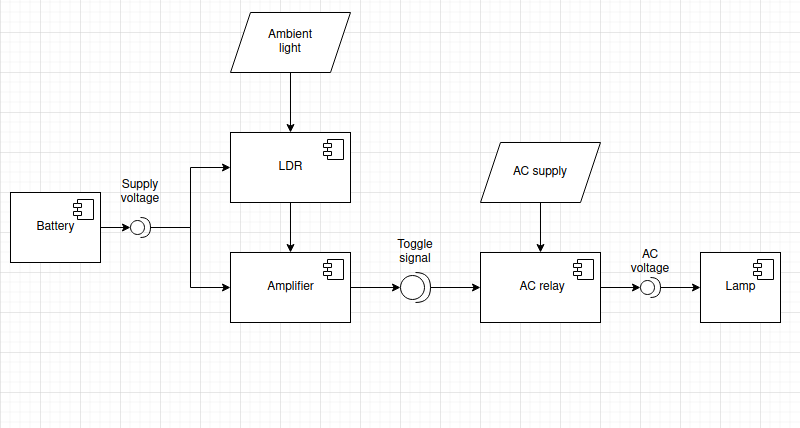
Activity diagram



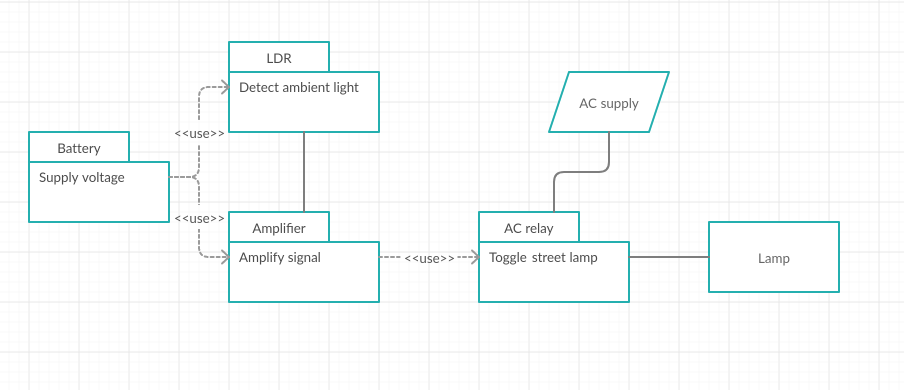
Use case diagram

**Low level UML diagram**

Structural diagram:

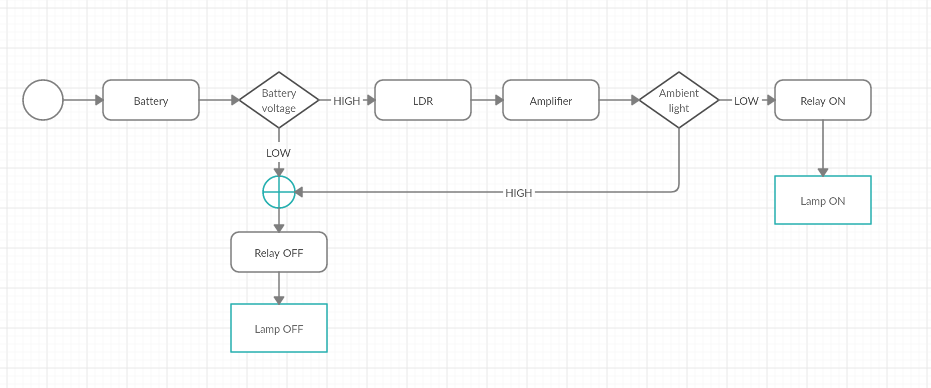


Component diagram

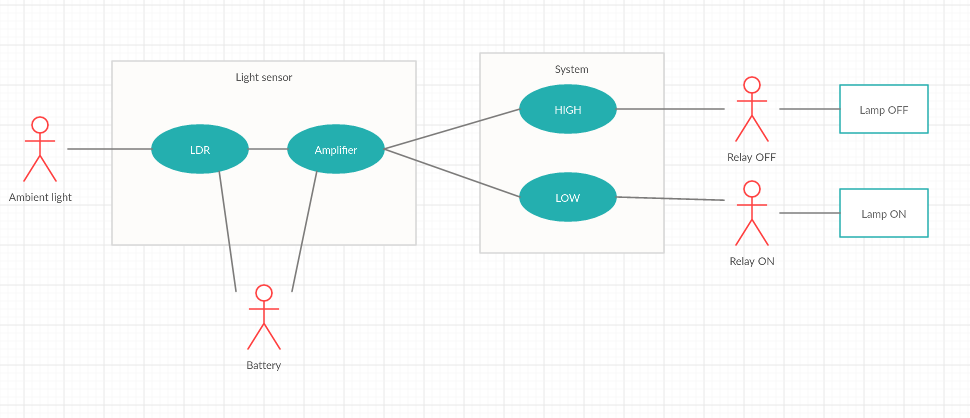


Package diagram

Behavioral diagram:



Activity diagram



Use case diagram