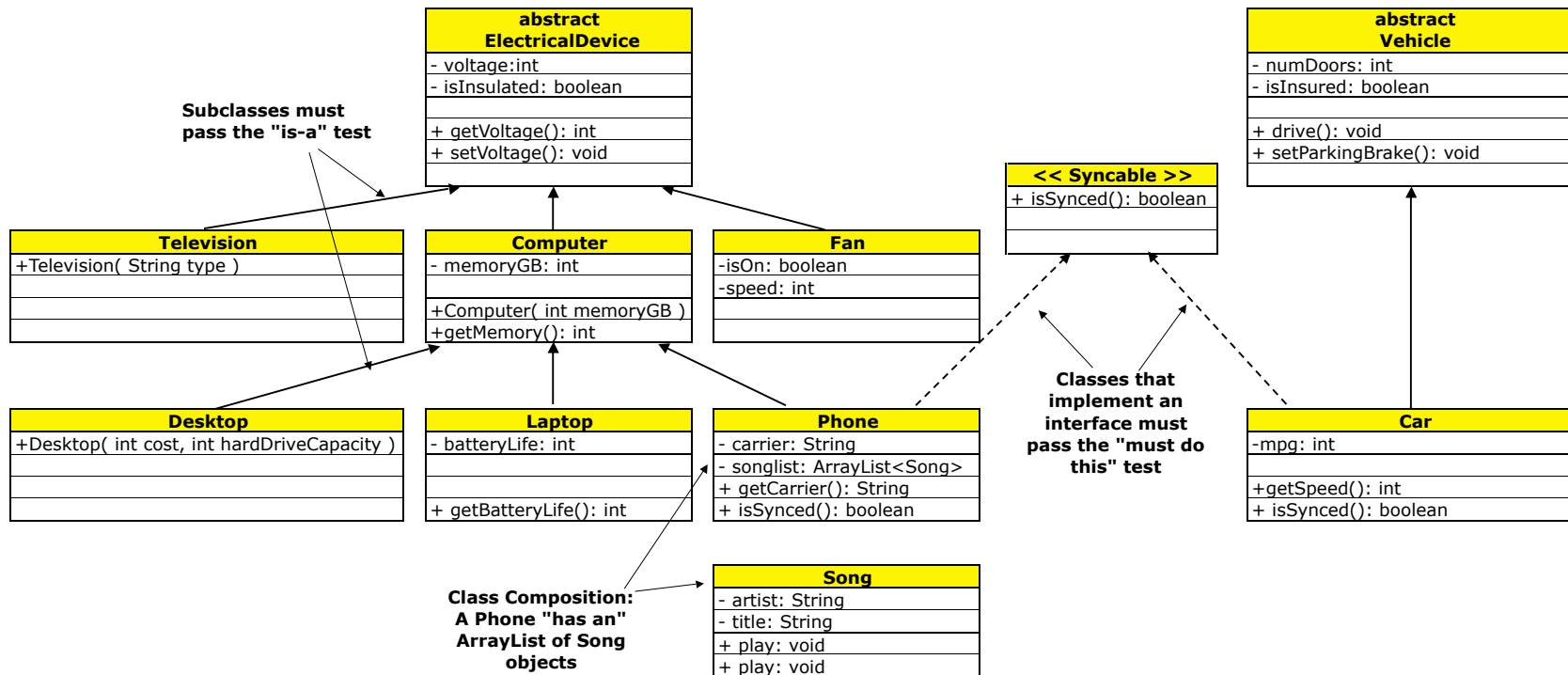


**AP Computer Science
Project Proposal
Unified Modeling Language (UML Diagram)**



The "Big 3" (Subclass justification)

In order to be justified as a subclass, a class must be "unique" from any other subclass. Meeting one or more of the following criterion will classify it as "unique":

1. have a unique private instance variable and/or,
2. have a unique private/public method and/or,
3. override one or more methods defined in its superclass to perform an additional and unique task.

Notes:

1. "-" implies "private" (usually data members, but a class can have private helper methods)
2. "+" implies "public"
3. All arrows point UP to superclasses
4. All class names are capitalized and are bold
5. The << >> around "Handheld" denotes that it is an "interface"