BAD SMELLS

BLOATERS	código, métodos y clases que podrían crecer rápidamente
CHANGE PREVENTERS	cambio que conlleva cambios en otros lados
COUPLERS	contribuye al alto acoplamiento
TOOL ABUSERS	abusa o usa mal los principios de la POO
DISPENSABLES	algo sin sentido y la ausencia haría un código más limpio
BAD SMELL	**REFACTORING QUE LO CORRIGE**
long method large class	extract method, despompose conditional, replace temp with query, extract class, extract subclass
data clumps	extract class, introduce paramether object, preserve whole object
long paramether list	replace paramether with method, preserve whole object, introduce paramether object
primitive obsession	replace data value with object, introduce parameter object, replace array with object
divergent change shorgun surgery	extract class move method/ field
feature envy inappropiate intimacy message chains middle man	move method move method/ field, self encapsulate field hide delegate, extract method, move method remove middle man
switch statements refused bequest alternative class temporary field	replace condicional with polymorphism push down method/ field rename method extract class, replace method with method object
lazy class speculative generality data class duplicate code comments	inline class, collapse hierarchy collapse hierarchy, inline class, remove parameter move method extract method, pull up method, form template method extract method, rename method