

2.

Class	Depends on (EC)	Depended on by (AC)	Instability ($I = EC / (EC + AC)$)
User	1	2	$1 / (1+2) = 0.33$
Subscription	3	3	$3 / (3+3) = 0.50$
Notification	1	4	$1 / (1+4) = 0.20$
WebsiteMonitor	2	1	$2 / (2+1) = 0.67$
CommunicationChannel	2	3	$3 / (3+2) = 0.40$
EmailChannel	3	1	$3 / (3+1) = 0.75$
PushNotificationChannel	3	1	$3 / (3+1) = 0.75$
SMSChannel	3	1	$3 / (3+1) = 0.75$
Frequency	0	1	$0 / (0+1) = 0.00$ (fully stable)
Main	9	0	$9 / (9+0) = 1.00$ (max unstable)

Notes:

Main is completely unstable (as expected) because it depends on everything and nothing depends on it.

Frequency is fully stable - it's only a referenced enum.

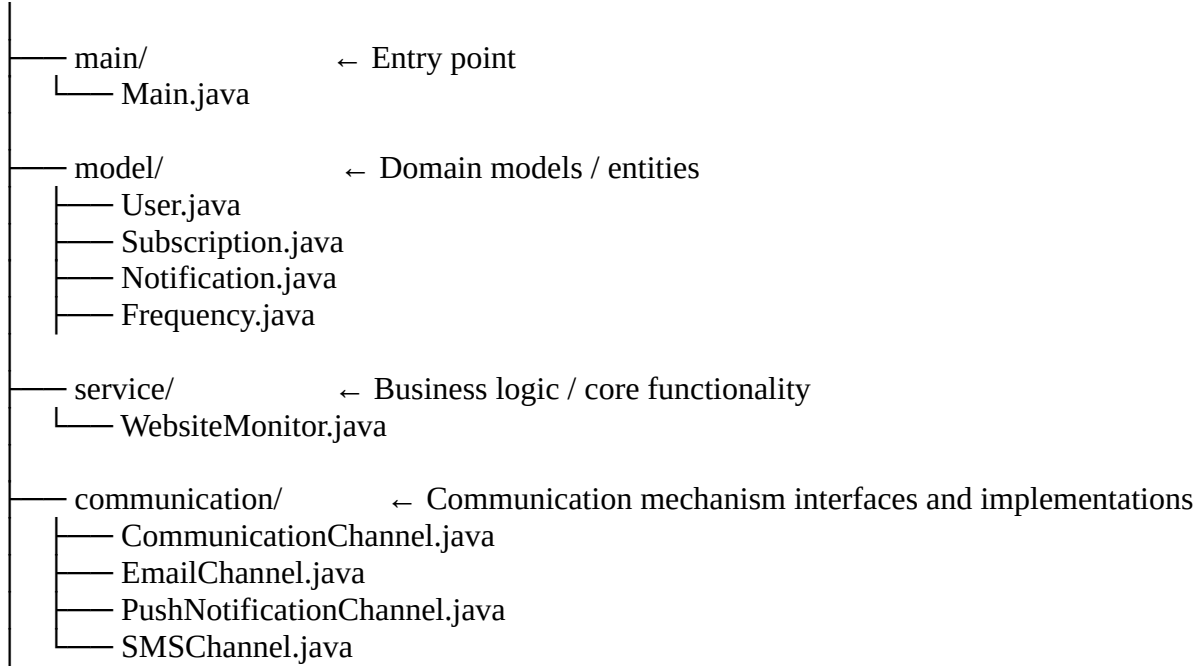
Notification is a stable data class used throughout the system.

EmailChannel and PushNotificationChannel are unstable - they rely on others but are used very little.

Subscription and CommunicationChannel are moderately unstable (0.4) - used and dependent.

3.

com.uas.websiteMonitor



4.

Option

User interfaces
Dependency injection
Listener pattern
Limit imports
Layered architecture

Result

Decouples implementation
Reduces hard-coded dependencies
Removes direct calls between classes
Enforces separation of concerns
Clarifies direction of dependencies