

INSA

INSTITUT NATIONAL
DES SCIENCES
APPLIQUÉES
TOULOUSE

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Object-Oriented Programming

Some feedback about your work

Naming conventions in Java

Identifier Type	Rule	Example
package	All lowercase ASCII letters	<code>com.apple.quicktime.v2</code>
class, enum, interface	Mixed case with the first letter of each internal word capitalized	<code>class DrivableMower;</code>
methods	Mixed case with the first letter lowercase, with the first letter of each internal word capitalized	<code>runFast();</code>
variables, fields		<code>float myWidth;</code>
constants	All uppercase with words separated by underscores	<code>static final int MIN_WIDTH = 4;</code>

About comments...

"Code never lies. Comments sometimes do."

Ron Jeffries

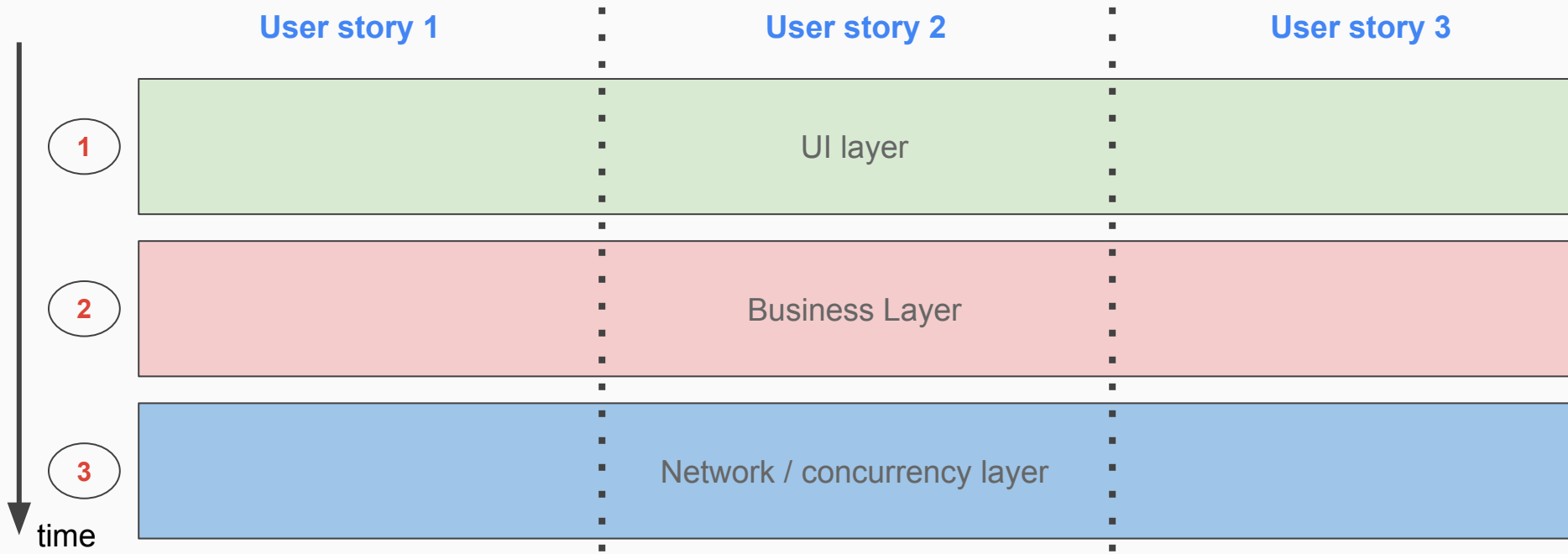
Commented code :

*What the f***ing hell is that for ?*

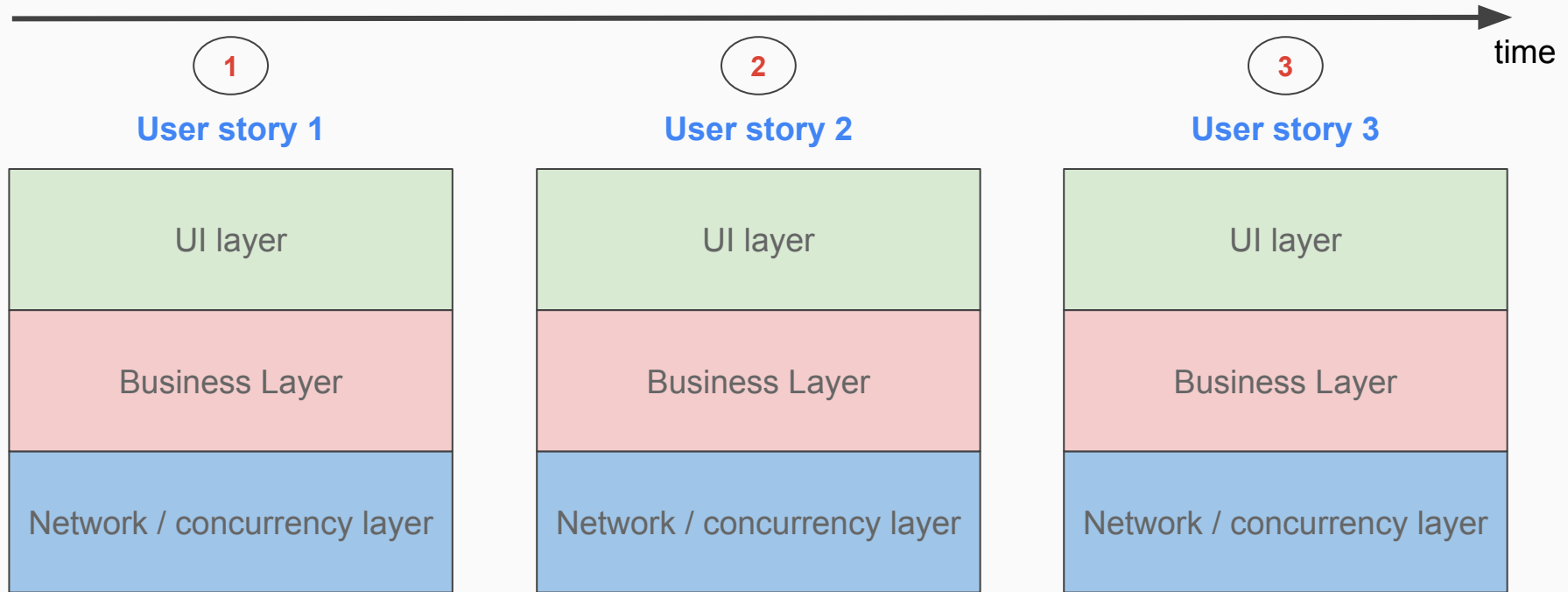
*"In programming, the hard part isn't solving problems,
but deciding what problems to solve."*

Paul Graham

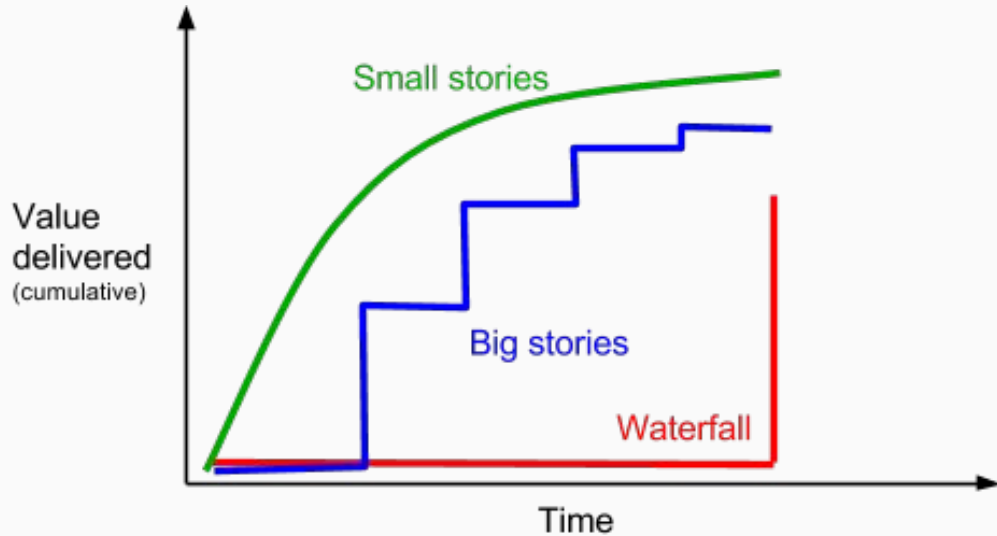
Horizontal slicing vs ...



...Vertical slicing

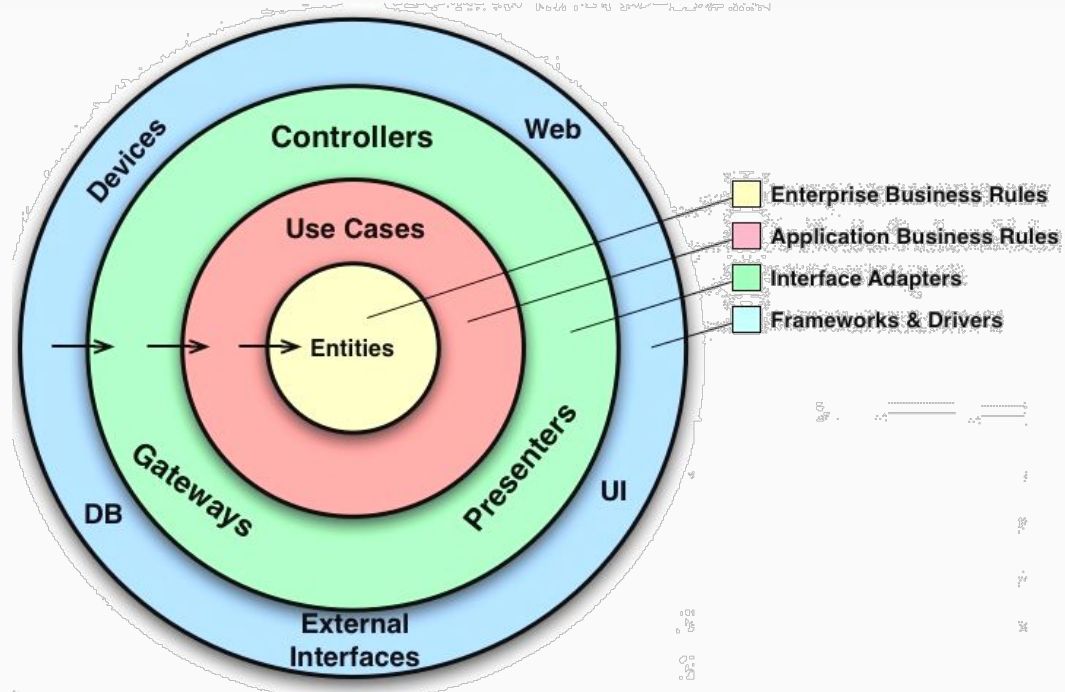


Quelques conseils pour les TP



- Maximum de valeur en un minimum de temps / d'effort
- Découper au maximum !
- On se moque de jusqu'où vous allez sur la courbe
- Apportez de la valeur métier avant d'embellir

Clean Architecture



Resources

Build your web UIs in Java

Vaadin Framework : <https://vaadin.com/>



NoSQL database with MongoDB

- MongoDB : <https://www.mongodb.com>
- ORM* pour Java : <https://mongodb.github.io/morphia/>



*ORM : https://en.wikipedia.org/wiki/Object-relational_mapping