REFACTOR

HOW TO DO IT WITHOUT HARMING YOURSELF

CEZARY SANECKI

EX-CIVIL ENGINEER

WJUG LEADER

BLOGGER - CEZARYSANECKI.PL

TECH LEADER IN DECERTO

MARTIN FOWLER

MARTIN FOYLER

MARTIN FOWLER



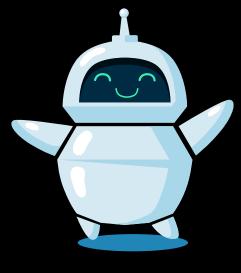




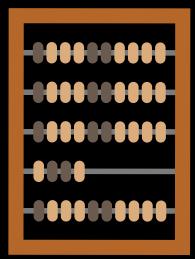




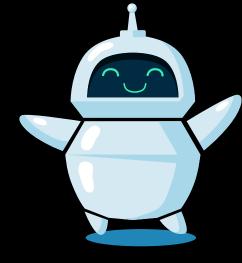




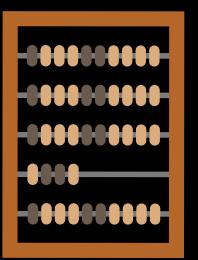








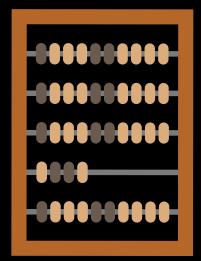
















PROJECT CHARACTERSTICS

MANIER PROPERTY OF THE PROPERT

FUNCTIONAL OPERATIONAL DEVELOPMENTAL

DEVELOPMENTAL CHARACTERISTICS

MARTIN FOWLER

VE CODE KNOVLEDGE!

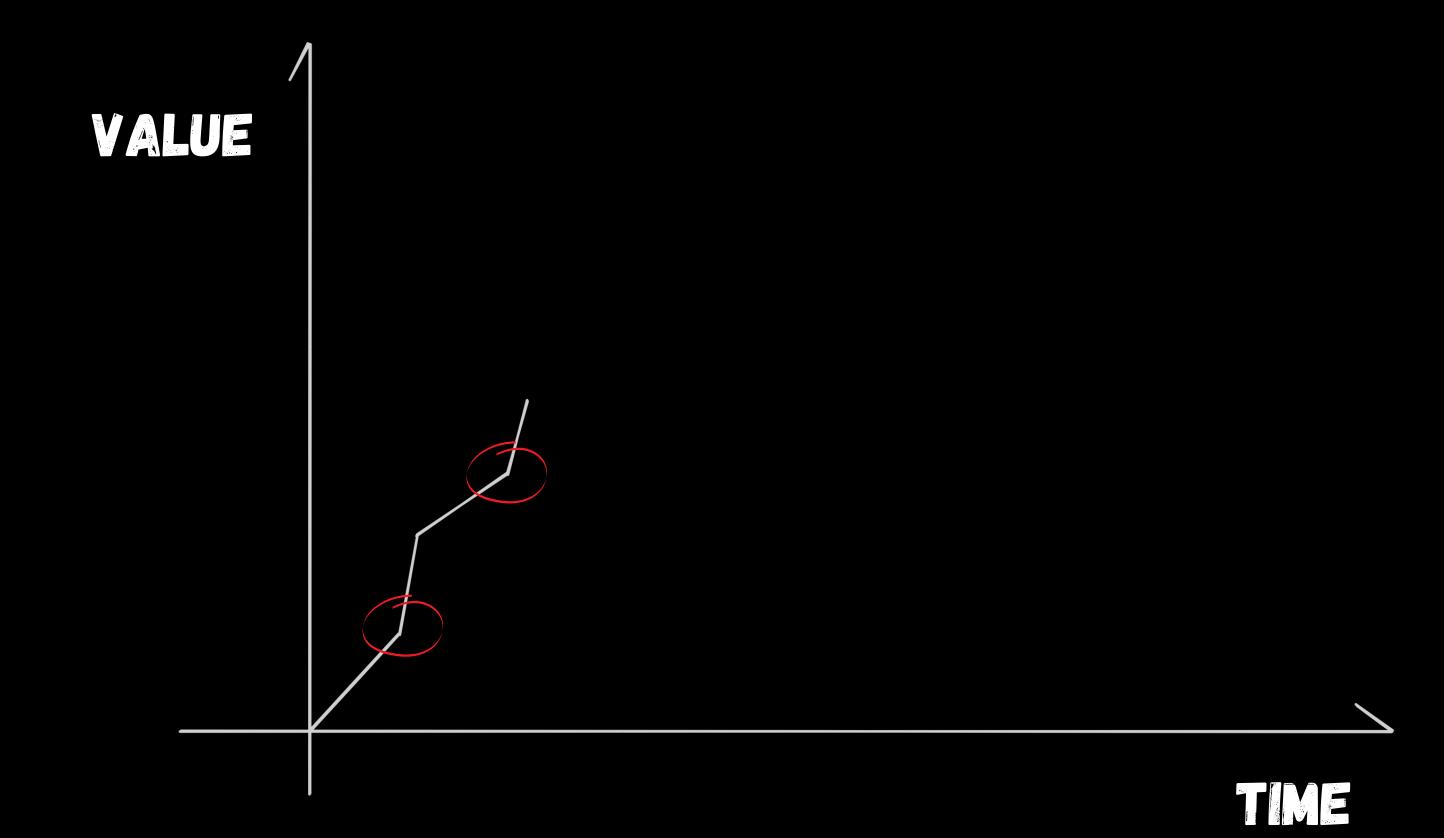
CODE KNOWLEDGE DELIVERY TIME

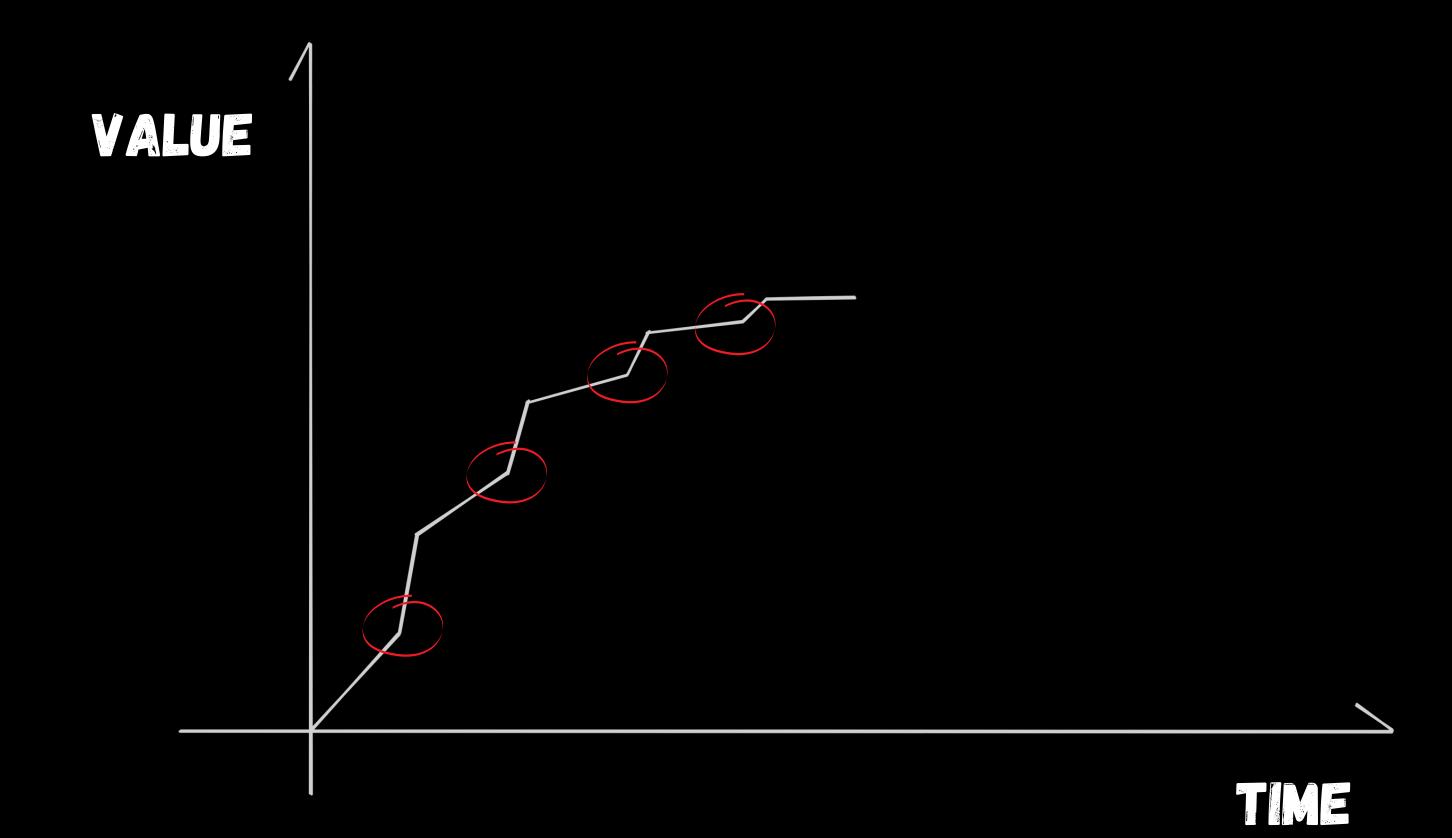
CODE KNOWLEDGE DELIVERY TIME IS TOO LONG?

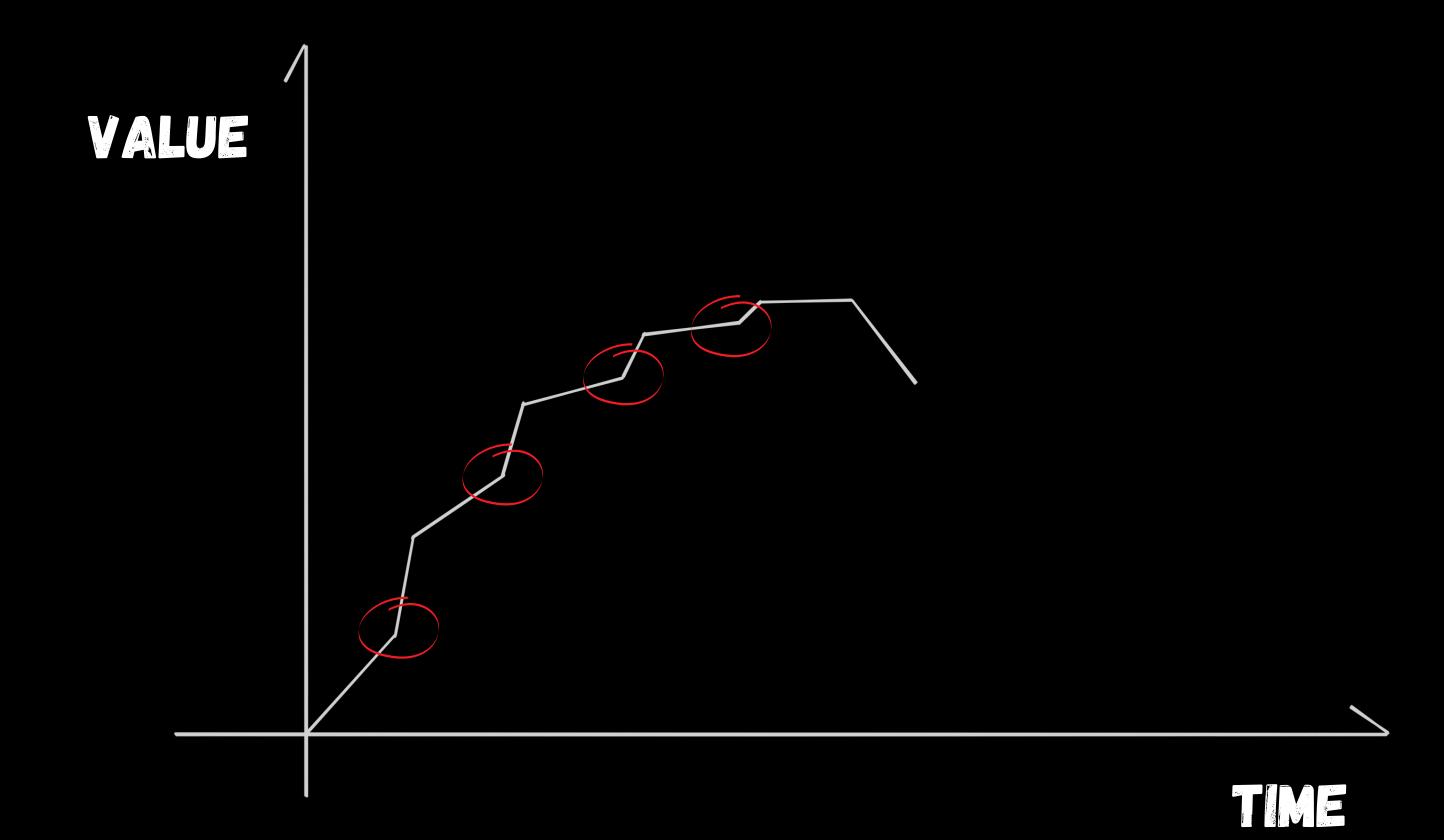
CHANGE IN REQUIREMENTS LACK OF KNOWLEDGE ASAP/TECHNICAL DEBT

SOMETIMES WE CREATE OUR OWN COMPLEXITY.

CV DRVEN-DEVELOPMENT







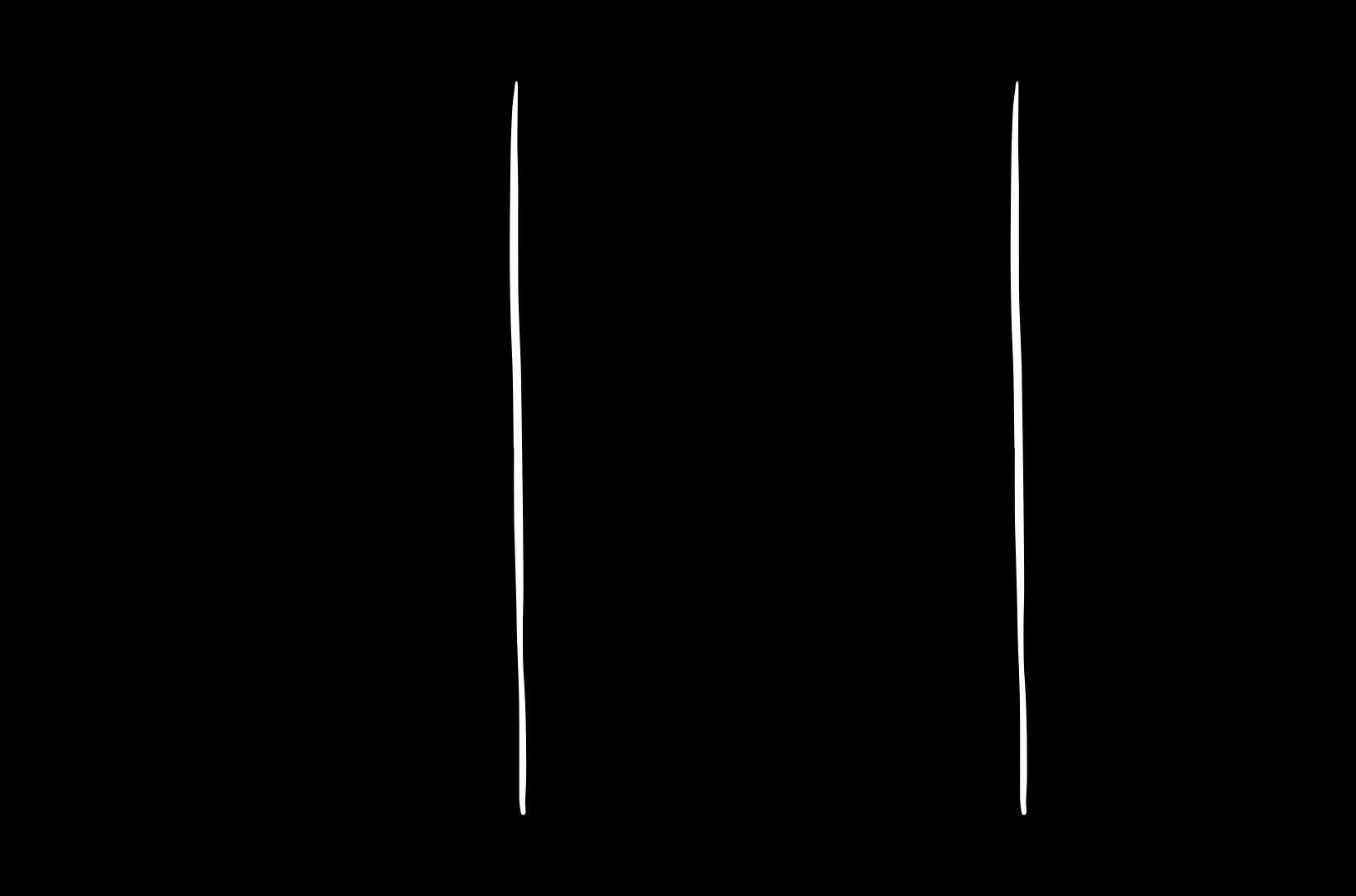
DOWER ACTORS

```
BucketService.java
@Transactional
public void updateBucketStatusGoingForwardOnly(
 Bucket bucket,
 BucketStatus bucketStatus
) {
 Client client = bucket.getRisk();
 BucketStatus currentBucketStatus = client.getBucketStatus();
 boolean publishUpdateWithAuditInput = bucketProcessingStatusManager
          .hasNotAnyIncompletePayments(
            bucketStatus.name(),
            client,
            bucket.getId());
 if (bucketStatus == BucketStatus.COMPLETE) {
    updateBucketStatusWithAuditAndPublishUpdate(
          client, bucketStatus, publishUpdateWithAuditInput);
 } else if (bucketStatus == BucketStatus.BOUND) {
   if (currentBucketStatus != BucketStatus.COMPLETE) {
      updateBucketStatusWithAuditAndPublishUpdate(
            client, bucketStatus, publishUpdateWithAuditInput);
 } else if (bucketStatus == BucketStatus.QUOTED) {
   if (currentBucketStatus != BucketStatus.COMPLETE
            && currentBucketStatus != BucketStatus.BOUND) {
      updateBucketStatusWithAuditAndPublishUpdate(
            client, bucketStatus, publishUpdateWithAuditInput);
 } else if (bucketStatus == BucketStatus.WORK_IN_PROGRESS) {
    if (currentBucketStatus != BucketStatus.COMPLETE
            && currentBucketStatus != BucketStatus.BOUND
            && currentBucketStatus != BucketStatus.QUOTED) {
      updateBucketStatusWithAuditAndPublishUpdate(
            client, bucketStatus, publishUpdateWithAuditInput);
 } else if (bucketStatus == BucketStatus.LOGGED) {
   if (currentBucketStatus != BucketStatus.COMPLETE
            && currentBucketStatus != BucketStatus.BOUND
        && currentBucketStatus != BucketStatus.QUOTED
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```

PROJECT LES CYCLE



STABILIZATION

STABILIZATION

MAINTENANCE



MAINTENANCE

STRING VIN



```
public class Vin {
   // ...
}
```

STRING REGISTRATION NUMBER



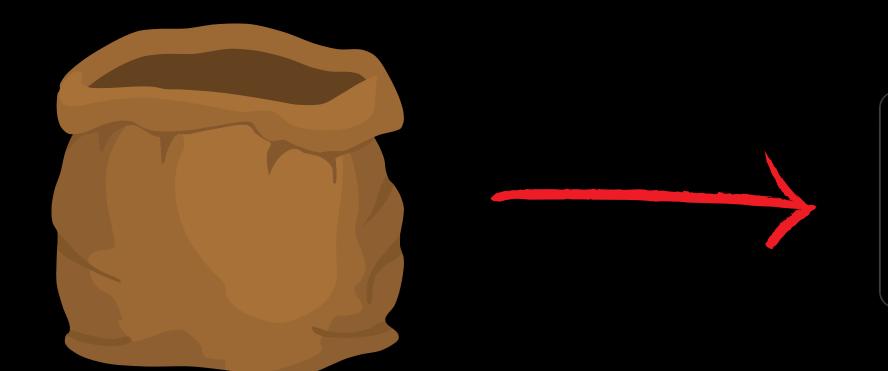
```
RegistrationNumber.java

public class RegistrationNumber {
    // ...
}
```

DOUBLE WEIGHT VALUE
STRIG WEIGHT UNIT

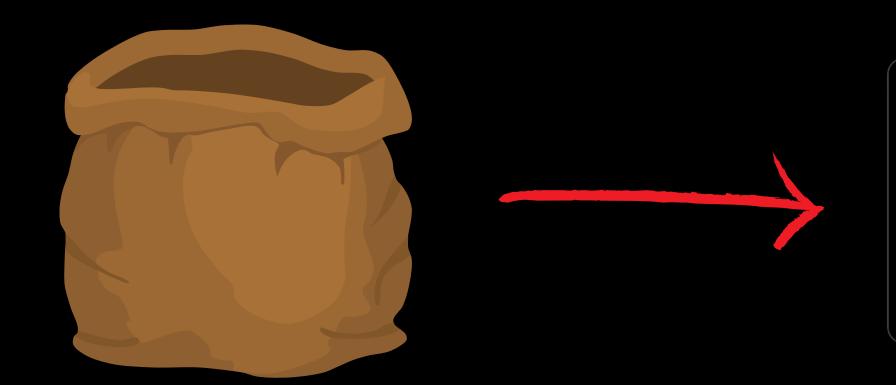


```
Public class Weight {
    // ...
}
```



```
ParametersExample.java

public void foo(Bag bag) {
    // ...
}
```



```
ParametersExample.java

public void foo(
    Vin vin,
    RegistrationNumber registrationNumber) {
    // ...
}
```

REFACTOR TO

OCASE TESTABLEY

DESCREASE COGNITIVE LOAD

ACQUIRE KNOKLEDGE



FOR YOUR ATTENTIONS







