Exploring enterprise java

…a lighter approach

David Morgantini
Akash Bhalla

(Picture: “air” by fiddleoak, CC image from flickr)

Who are we?

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@akashb

(Picture: “hammertone time” by DryRot, CC image from flickr)

Isn’t there another way?

Drop Wizard

Mongo DB

jQuery

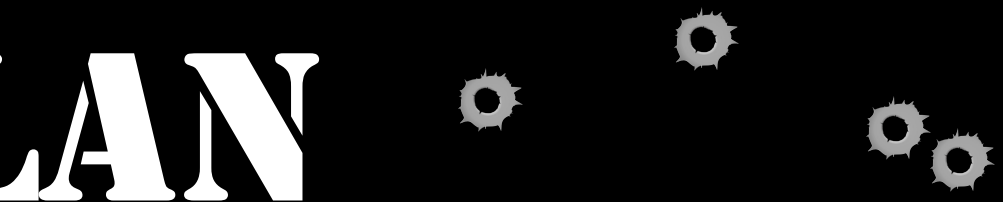
http://dropwizard.codahale.com/
http://www.mongodb.org/
http://jquery.com/

Dropwizard
Jetty
FreeMarker
Jersey
Jackson
Metrics
Logback/slf4j
Guava

Why dropwizard?

- Blah
- Blah

THE PLAN



(We love it when a plan comes together)

- Introduction
- Set up machines (we'll be pairing)
- Introduce the problem (stories we'll work on)
  - Introduce the technology required to complete story
  - Pair programming
  - Come together and share results
  - Repeat for the next story
- Recap
- Feedback

Setup

Work in pairs (1 laptop between 2 people)

Github: **git@github.com:akash/story-wall.git**

Stick to the master branch
(Ignore the other branches, we'll get to them…)

Maven
Git
MongoDB

http://maven.apache.org/download.html#Installation

Maven

Git

MongoDB

https://github.com/signup/free
http://help.github.com/mac-set-up-git/
http://help.github.com/win-set-up-git/

Maven
Git
MongoDB

Send your github username to be added as a collaborator

> git clone **git@github.com:akash/story-wall.git**

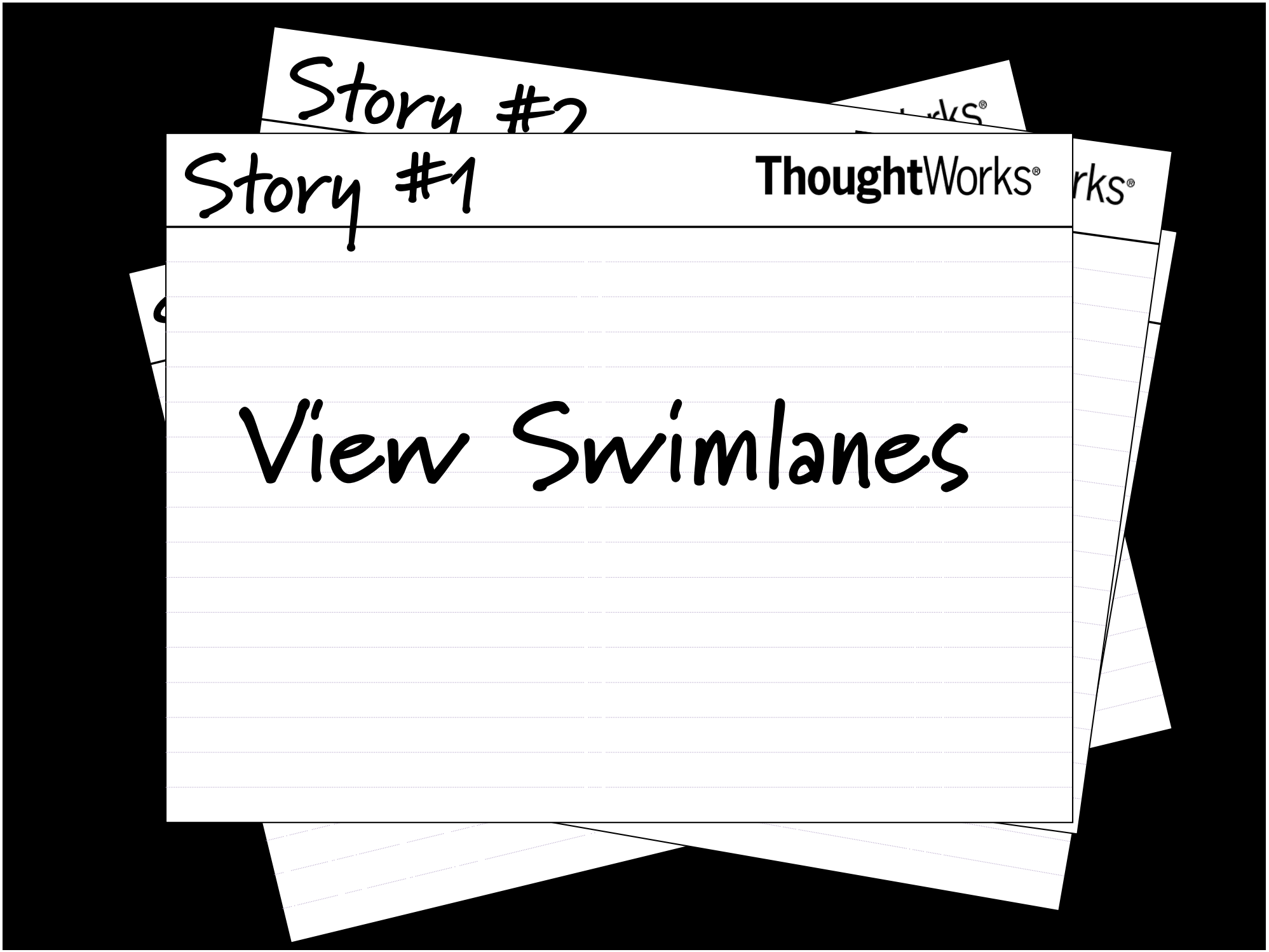
Maven

Git

MongoDB

http://www.mongodb.org/display/DOCS/Quickstart+OS+X
(or Unix/Windows)

Maven
Git
MongoDB

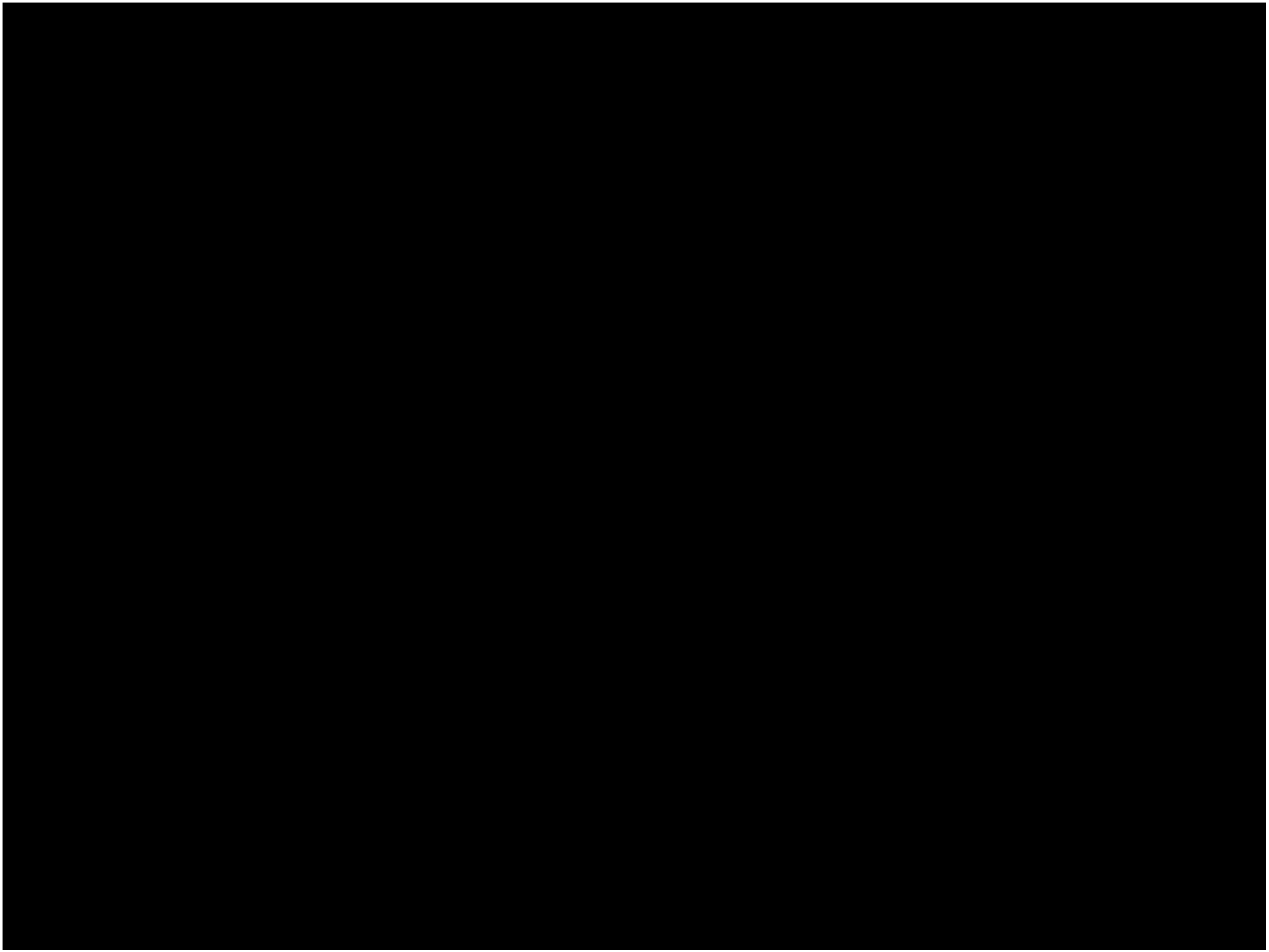

Story #2
Story #1
ThoughtWorks®
View Swimlanes

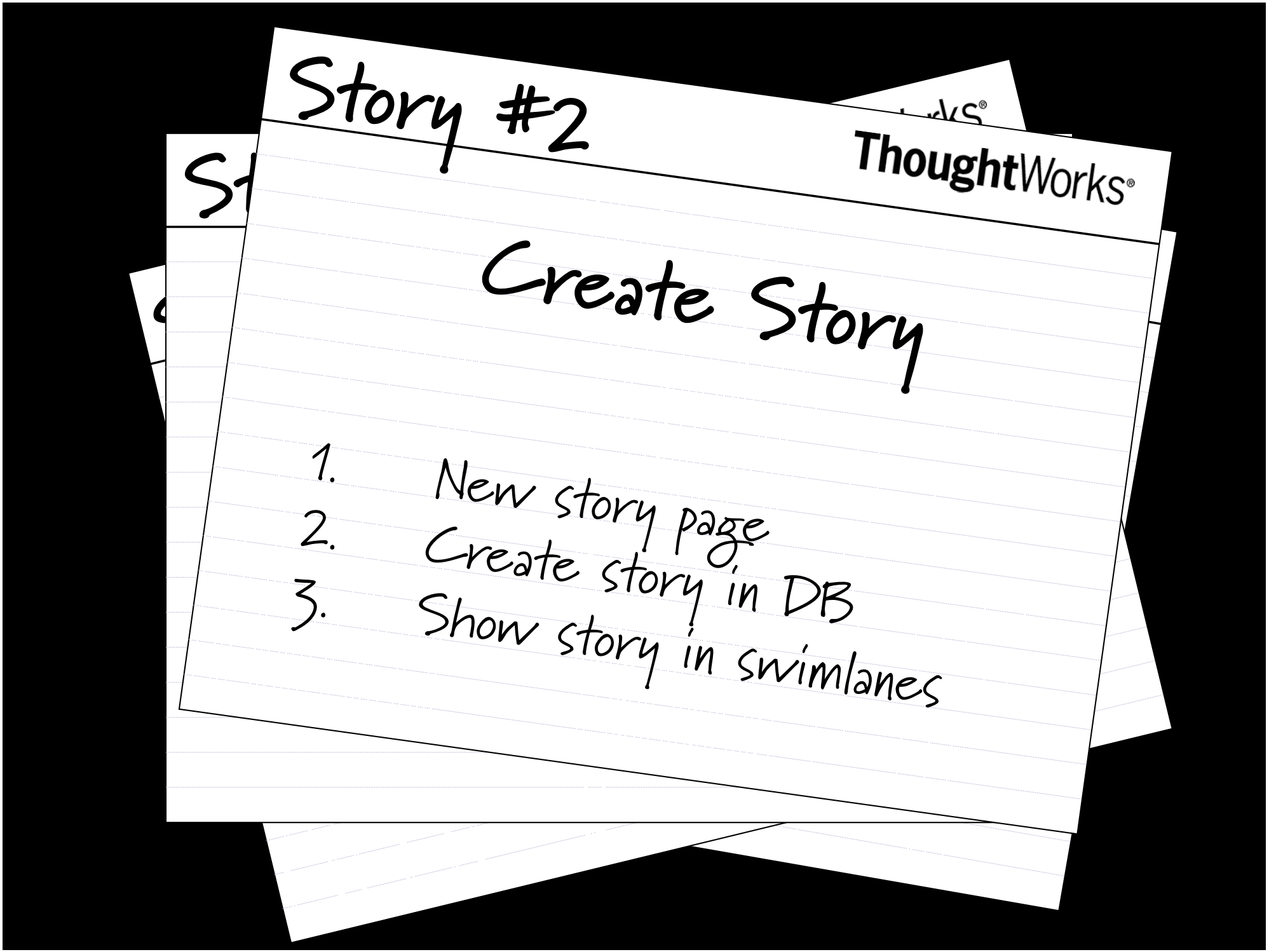
Story wall

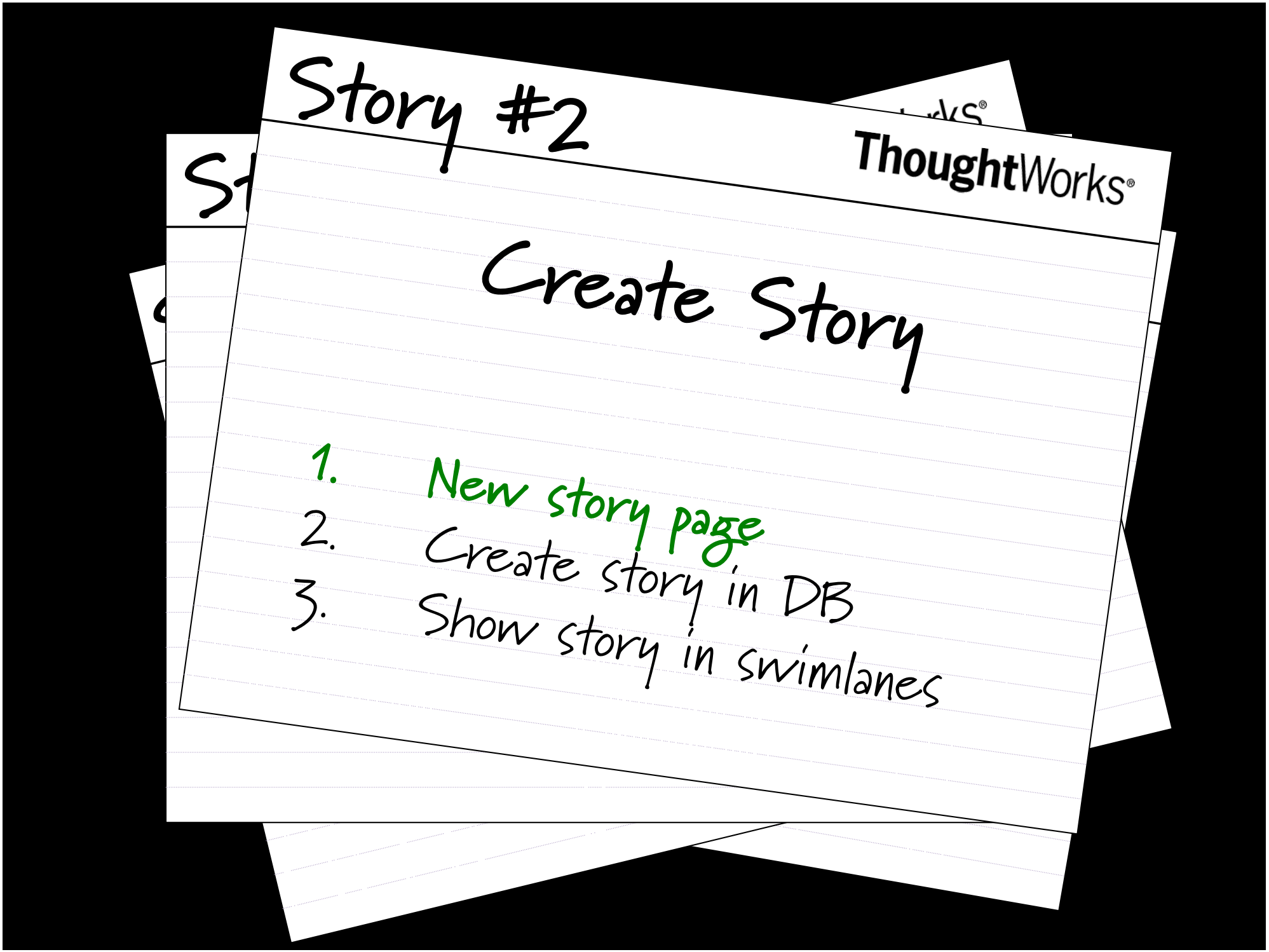
Backlog	In Progress	Done

Dropwizard

<FreeMarker>




Story #2
ThoughtWorks®
Create Story
1. New story page
2. Create story in DB
3. Show story in swimlanes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Create Story
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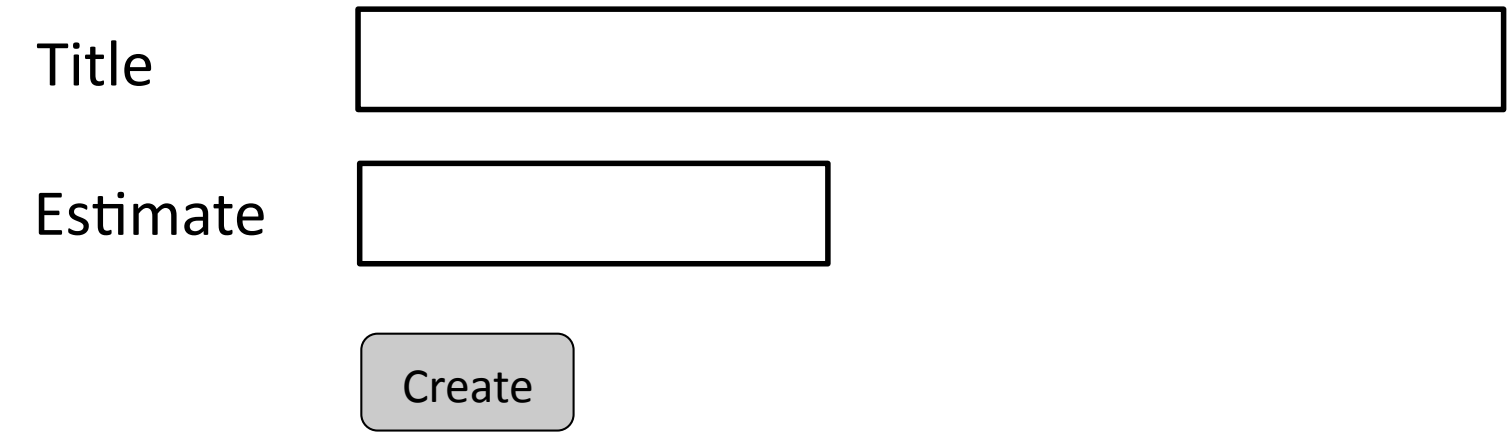
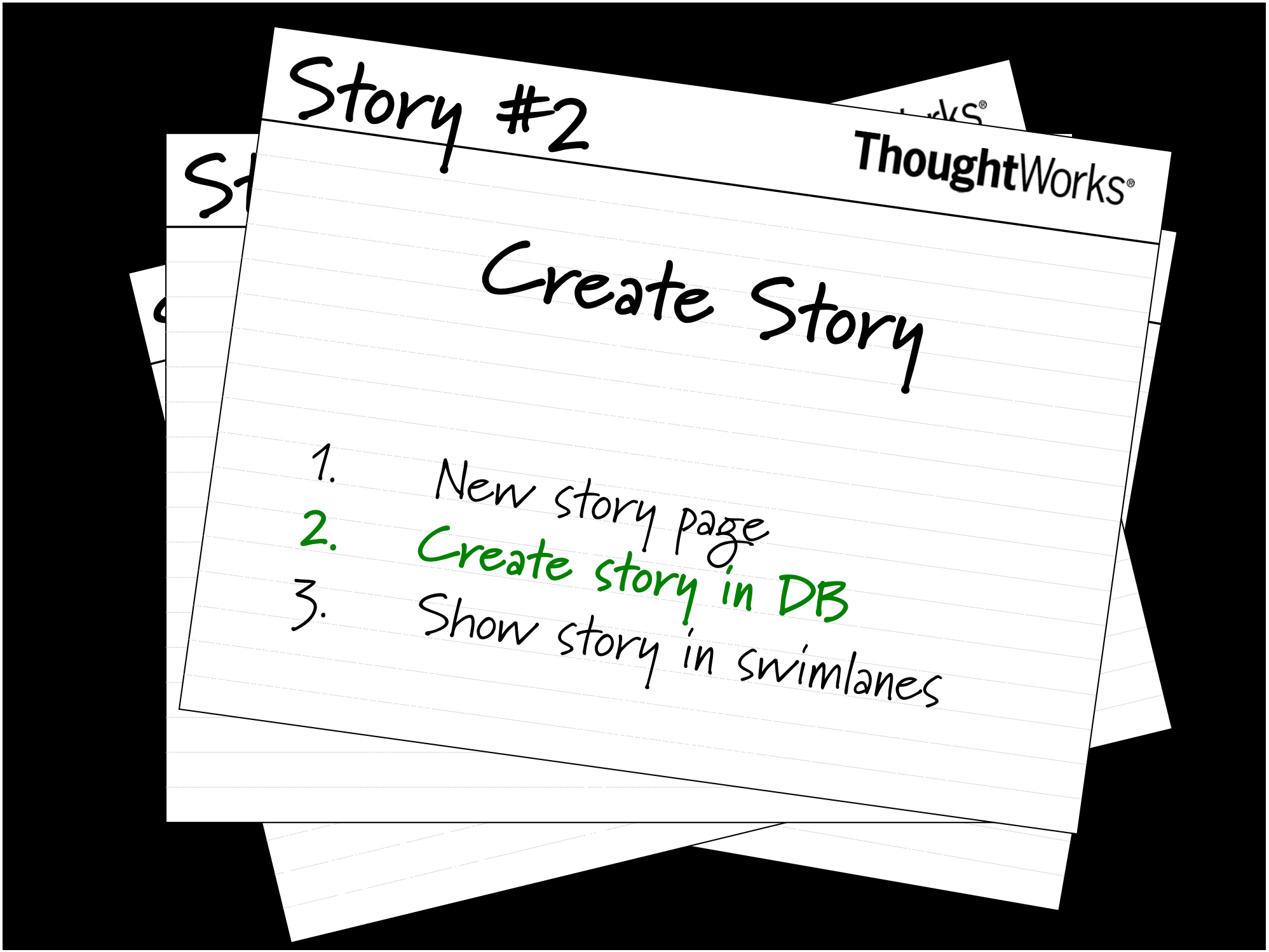
New Story




Story #2
ThoughtWorks®
Create Story
1. New story page
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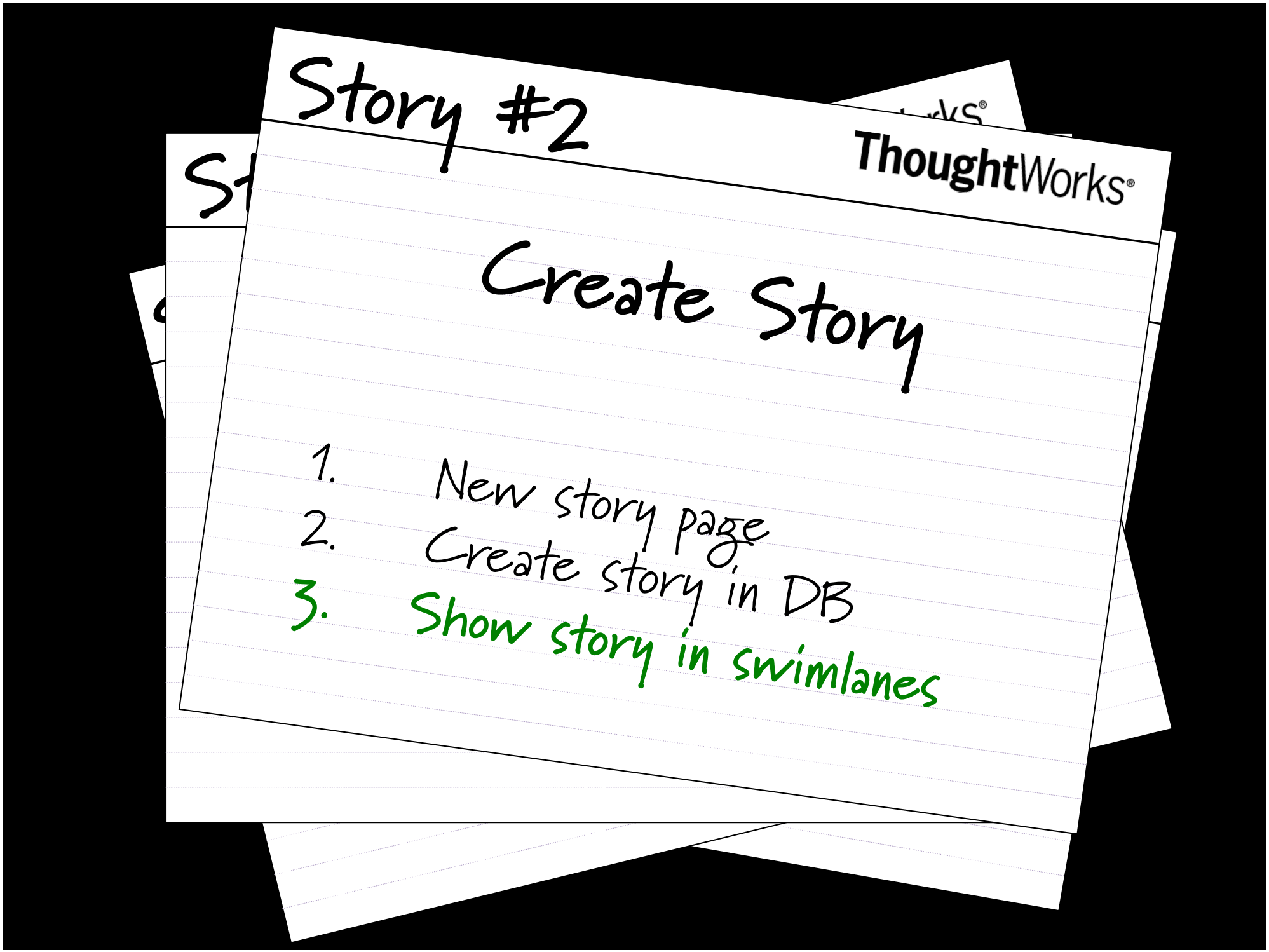
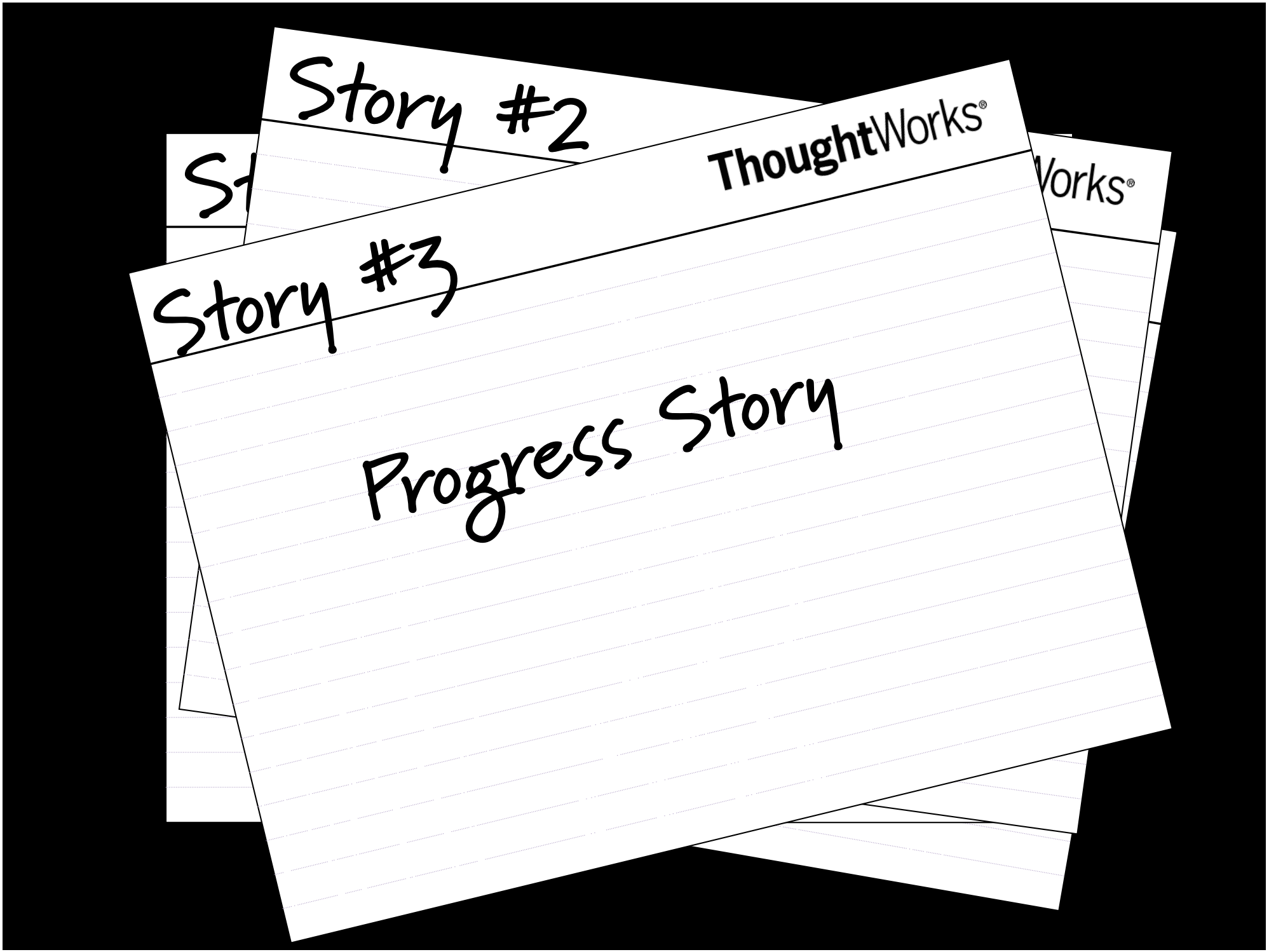
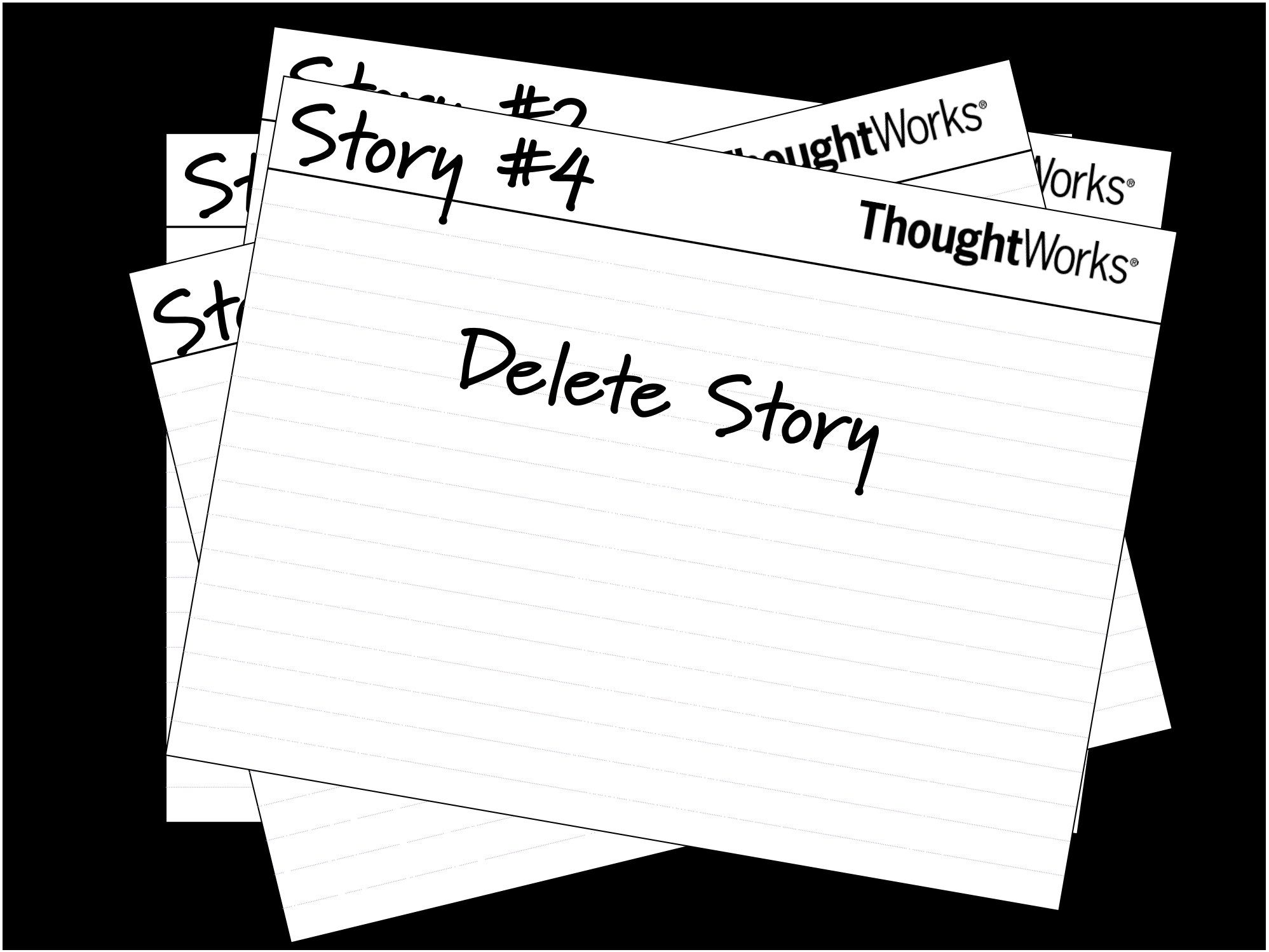
mongoDB


Story #2
ThoughtWorks®
Create Story
1. New story page
2. Create story in DB
3. Show story in swimlanes

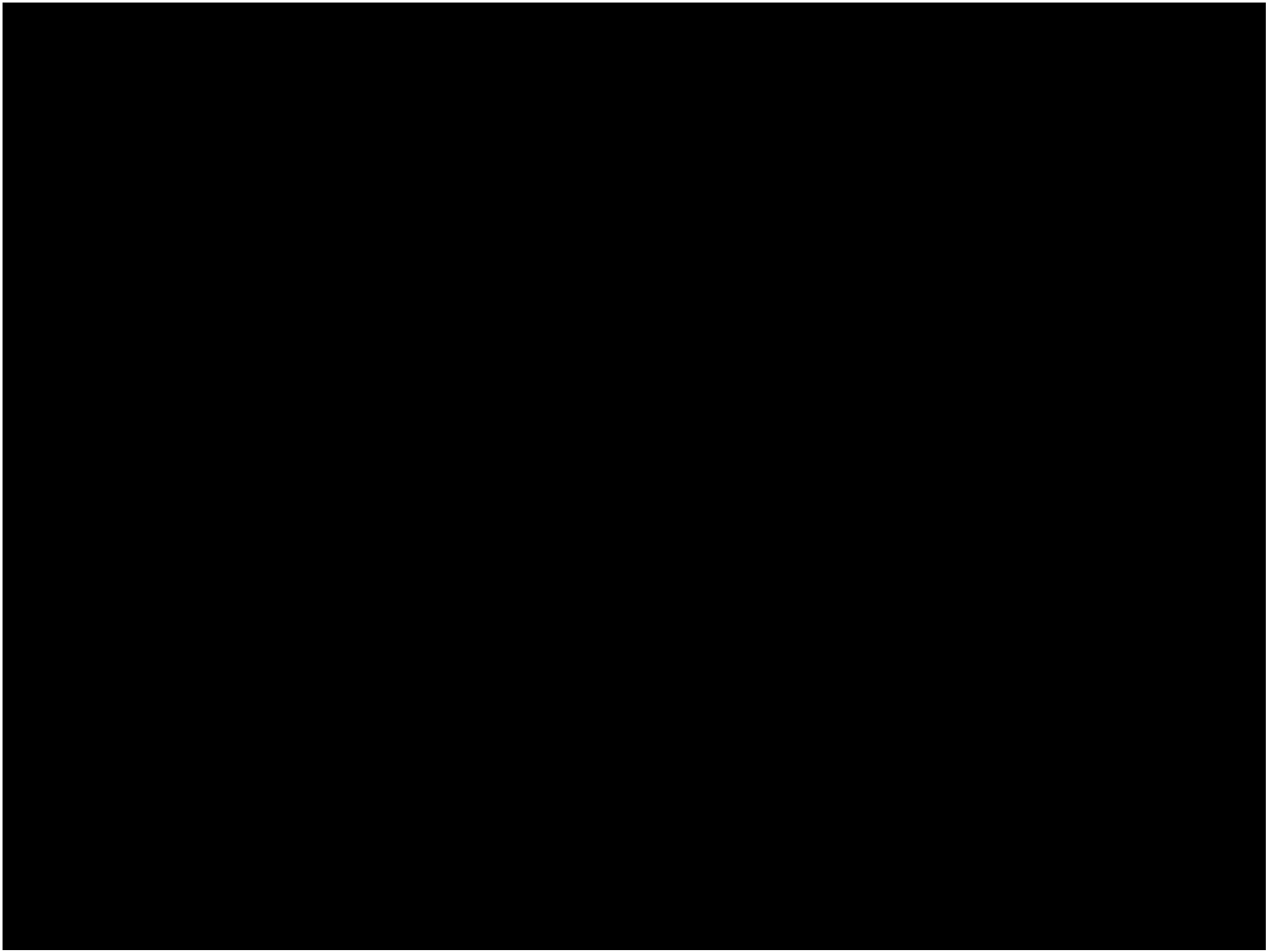
Story wall

Backlog	In Progress	Done
#1 Story title (estimate)		

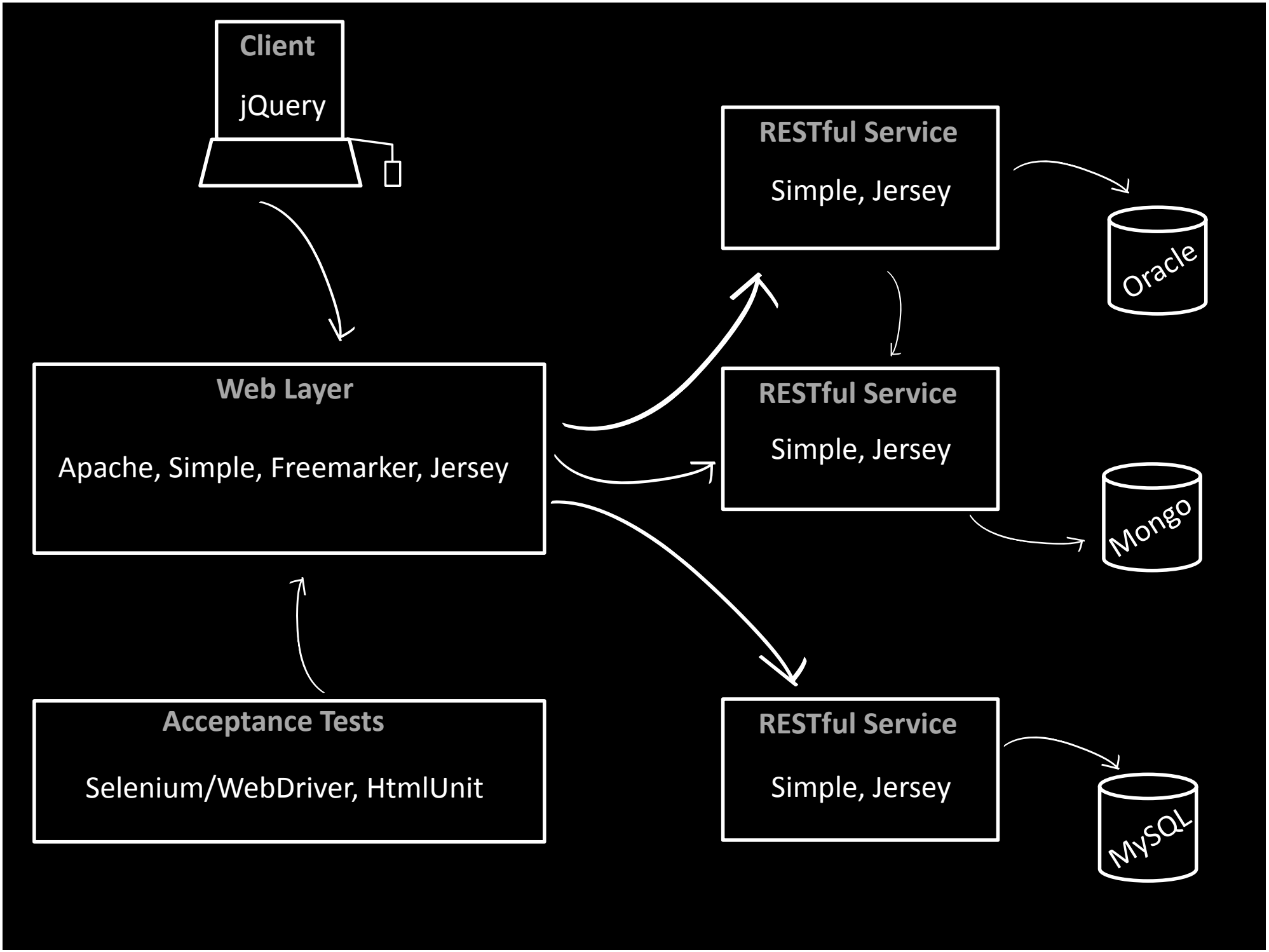

Story #2
ThoughtWorks®
Story #3
Progress Story


Story #4
ThoughtWorks®
Delete Story

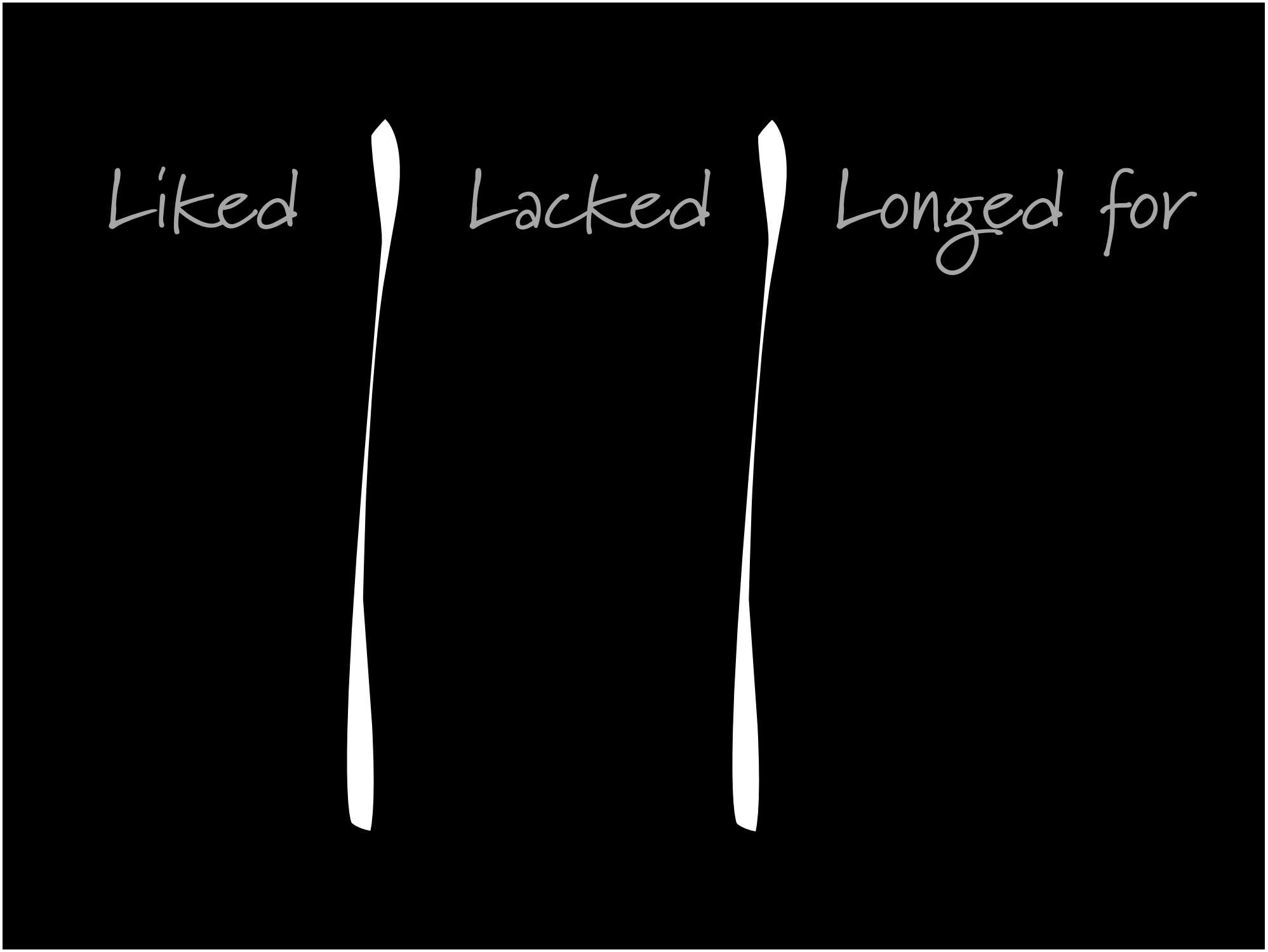
jQuery



How this looks in the real world


Client
jQuery
RESTful Service
Simple, Jersey
Oracle
Web Layer
Apache, Simple, Freemarker, Jersey
RESTful Service
Simple, Jersey
Mongo
Acceptance Tests
Selenium/WebDriver, HtmlUnit
RESTful Service
Simple, Jersey
MySQL

thanks


Liked
Lacked
Longed for