

# 17-723: Designing Large-scale Software Systems

Recitation on Risk Storming

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# Collaborative Risk Identification Technique: Risk Storming

## Step 1: Model

Model your software design as diagrams

## Step 2: Think

Identify the risks silently on post-its

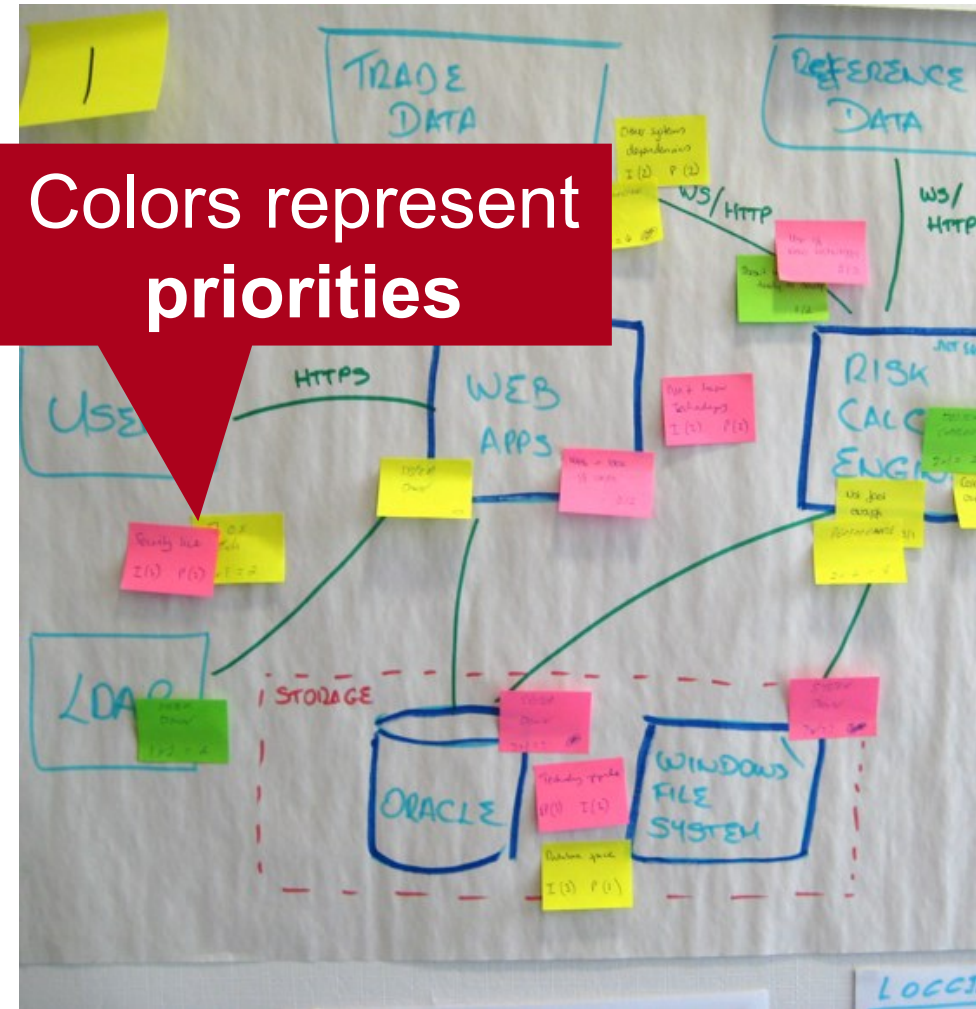
## Step 3: Share

Add post-its to the diagram

## Step 4: Review

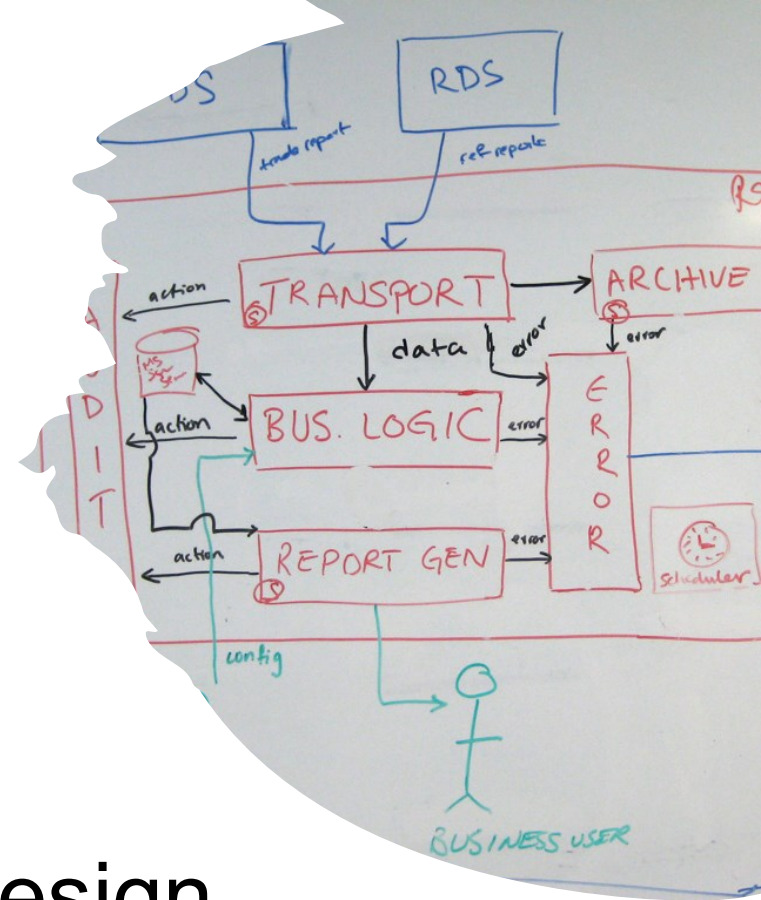
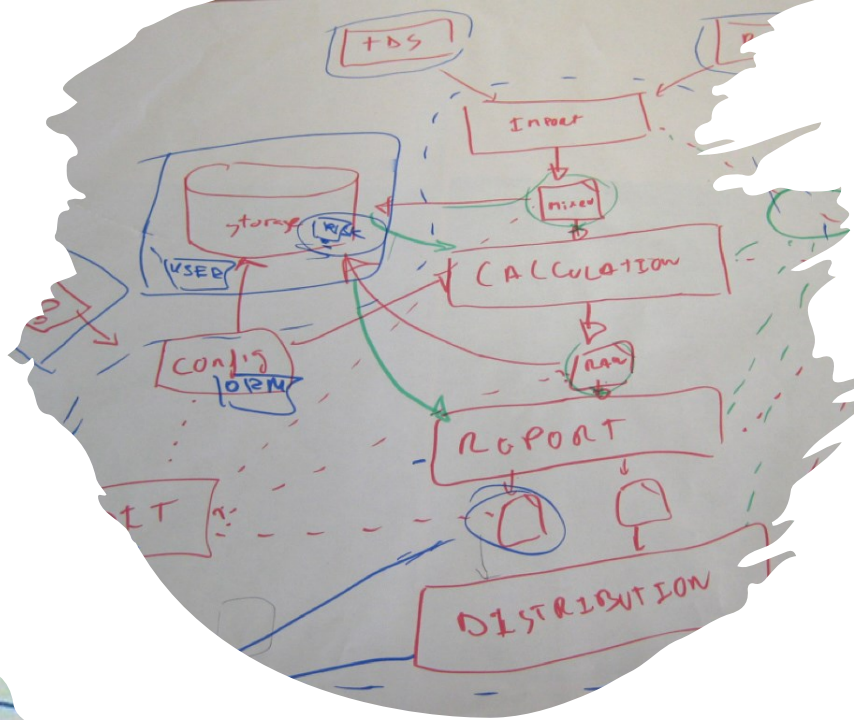
Discuss risks and summarize

Colors represent  
priorities



Read more here: <https://riskstorming.com/>

by Simon Brown



## Step 1: Model your Design Using Appropriate Diagrams

Pick diagrams that communicate the **essential aspects** of your system

If needed, chose two or more types of models

## Post-IT Colors Represent Priorities

# Step 2: Identify the Risks Silently on Post-its

		Probability		
		Low 1	Medium 2	High 3
Impact	Low 1	1	2	3
	Medium 2	2	4	6
	High 3	3	6	9

- **Low probability:** We don't think the risk will happen.
- **High probability:** There's a very real possibility that the risk will happen.
- **Low impact:** Short-term discomfort for the team (minor rework, extended hours), minor outages, accumulation of additional unwanted technical debt, etc.
- **High impact:** Project is cancelled, staff fired, major outages, major data loss, loss of public reputation, loss of income, lawsuits, etc.



## Step 3: Add Post-its To the Diagram

Sticking them near the area where the risk has been identified

# Identify Risks for the Project System

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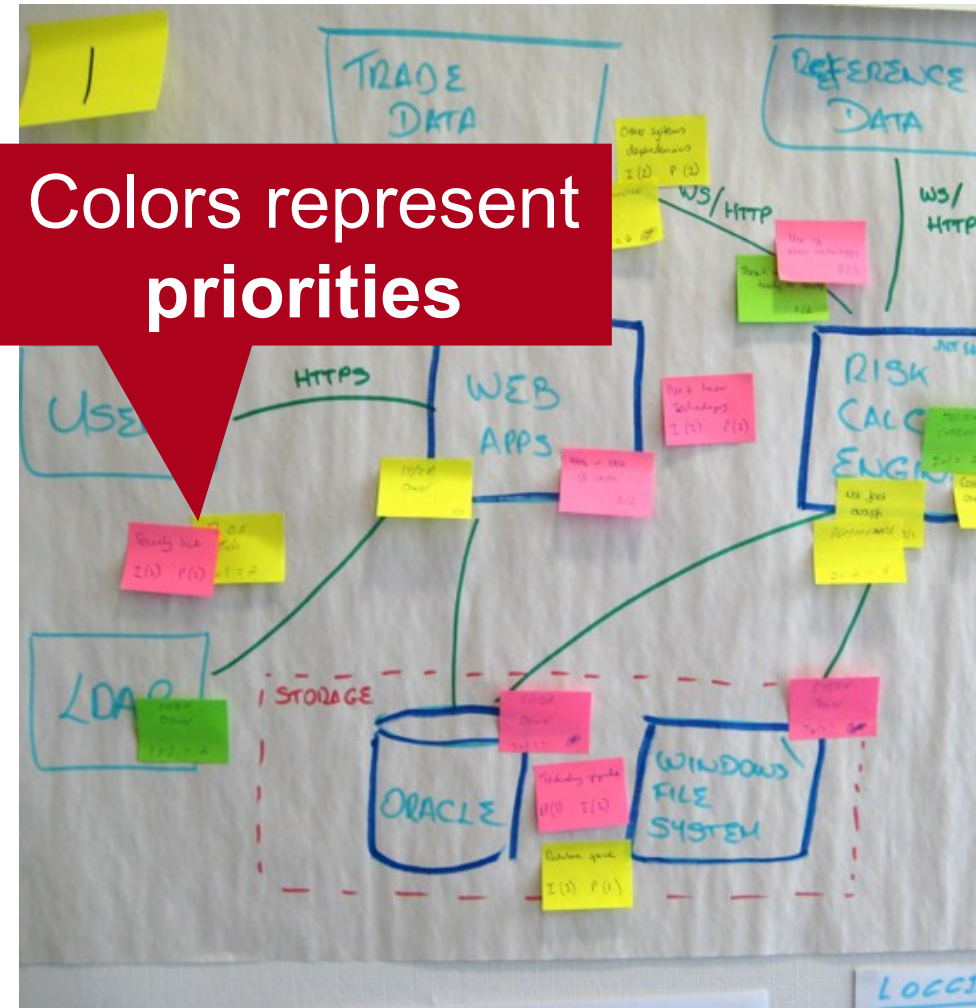
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