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CS411 Quiz 2
Architecture / requirements gathering

1. What's the difference between a *goal* and a *requirement*?

Requirements are constraints, which almost always must be included in the product, and indicates that products must have certain features to be working. However, a goal is a general intention of user which are general but not measurable and testable, and high-level abstract description.

2. In a batch architecture, what typically happens when a step in the pipeline is delayed?

It may cause delay through the whole pipeline because of bottleneck.

3. In the MVC (model-view-controller) architecture, which component holds state?

The Model

4. What is an example of a non-functional requirement?

The reliability of the software

5. In a decoupled application where the front end and back end communicate across a RESTful interface, what changes are required to front-end code when the back-end platform changes from Javascript to Java?

Nothing will change because the front and backend communicate in send and response and json formatted data.

6. What is the most important question that you can ask while gathering requirements?

"Why?"

7. In a thick-client architecture, most of the work is done in the

client

8. Of the architectures that we looked at, which is the one that most web sites based on?

Client-Server Architecture