

# REACH : Repository of Educational Assessments – Multiple Choice

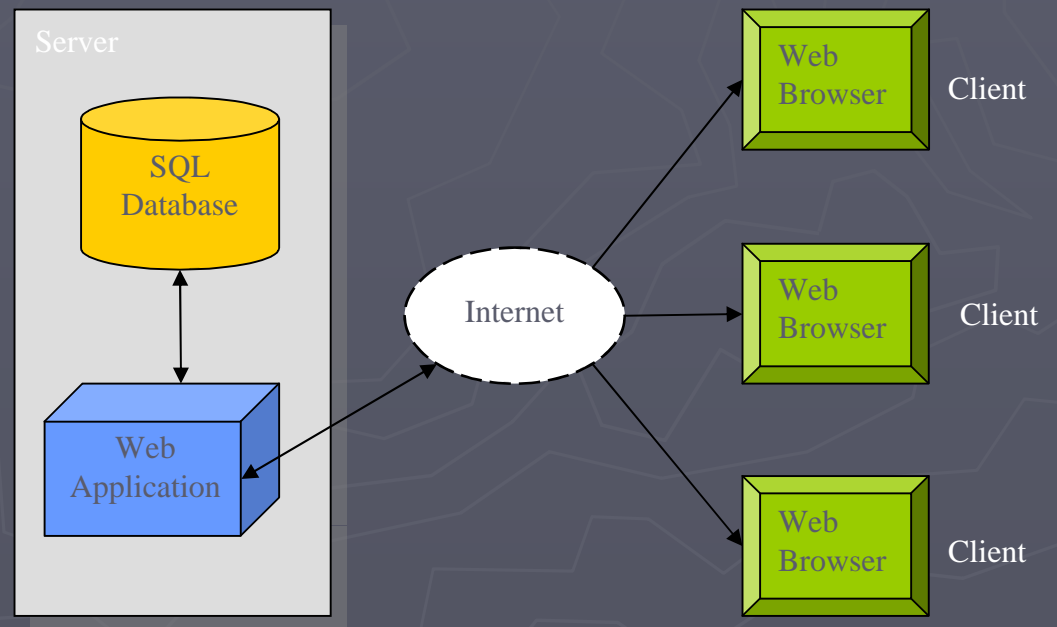
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## What is it?

- ▶ Searchable database of Multiple Choice
- ▶ Teachers submit:
  - A question and a correct answer
  - Plausible incorrect answers
  - Topic tags
- ▶ Students can search questions for study purposes, teachers can search to create exams
- ▶ Research project led by Steve Tanimoto would also be a target customer for this project

# How it would work:

- ▶ SQL Database for the questions
- ▶ Web App, in Ruby on Rails or similar
- ▶ UI would be web-based
- ▶ Support for many simultaneous users



# Challenges and Risks

## ► Challenges:

- Security – how to manage public/private questions
- Feature list given allotted time (create sample exam for a topic, optimized searching of user-tagged questions for relevant results.

## ► Solutions:

- Plan to produce a basic deliverable (all public, no sample exam, basic search) and improve on this as time permits.