Final Projects
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• Propose a topic for the final project
  – Could be something you are interested in
  – Or see suggestions that follow

• Upload to Blackboard, project proposals by Feb 23
  – One page description – approach, data to be used, timeline

• One or two people to a project
  – If a team, each person should upload the same proposal

• Presentations during last week of class

• Report due Monday of finals week
Final Project Topic - Augmented reality

- Provide graphical overlays for guidance in using some object, or playing a game

An AR system to help a user play Shogi, a Japanese chess variant (by Eric Hislop)
Final Project Topic – Analog Gauges

• Automatically recognize analog gauges and determine their settings
  – It’s ok to have a priori knowledge of gauge appearance, but should work from different viewpoints and lighting conditions

Project by Gilchrist Day
Final Project Topic – Pool Table

• Automatically determine the positions of balls on a pool table
  – Camera in non-orthogonal viewpoint
  – Use multiple views
  – If possible also identify the balls
Final Project Topic – Image Stitching

• Example – an aid to see in confined spaces