

## Workshop 1: Team of Mike Flynn

The Virtual Bubble provides Bubble-like functionality, in the open areas of the learning centre:

- a table provides a working surface with a light;
- the light is really a projector onto the table surface;
- using shapes and color, it may also subtly project information onto the ceiling;
- a border projected onto the ceiling might indicate a private meeting;
- the problem number, or text book reference might be displayed;
- the "light" also includes a camera, which can see the surface of the table;
- the table options are controlled by paper forms;
- the table contains the computer, and stores spare paper forms;
- technology options similar to the real Bubbles may be available too, where feasible;
- the sides of the table might change color, for subtle information display too.

(Note: the "light" only needs one projector, perhaps; part of the image can be reflected by a mirror to form the ceiling display?)

IM 2

- Hand writing recognition
- Paper form recognition
- Text OCR
- Speaker Identification
- Context Linking
- ...

