

PART (A) ONE MARK FOR JUDG SPECIALIST USE OF WORD "SITE", ONE MARK FOR DEFINITION OF MEDIAL MODELS, ONE MARK FOR JUDG WHAT KIND OF SITE REQUIRES CAUTION, ONE FOR ALTERNATIVE INTERPRETATION. [TOTAL 4]

PART (B) FOR EACH METHOD<sup>(x2)</sup>, TWO MARKS FOR DESCRIBING EVALUATION PROCEDURE. FOR EACH PROBLEM<sup>(x4)</sup> FOUND, ONE MARK FOR JUDG THE PRINCIPLE THAT WAS APPLIED, ONE FOR EXPLAINING WHY THERE IS A PROBLEM. (20 MARKS FOR PROBLEM DESCRIBED WITH NO REFERENCE TO EITHER EVALUATION METHOD [TOTAL 12])

PART (C) TWO MARKS FOR THE DESIGN, ONE MARK FOR NAMING A DIMENSION, ONE FOR DESCRIBING TRADE-OFF [TOTAL 4]

(A) THE SIGN REFERS TO A CONSTRUCTION SITE. THE ONLY TRAFFIC THAT WOULD USE IT AS AN ENTRANCE IS TRAFFIC GOING TO THE CONSTRUCTION SITE - AND THIS IS NOT WHO THE SIGN IS ADDRESSED TO. THE PEOPLE WHO SHOULD BE CAUTIOUS ARE THOSE FOR WHOM CONSTRUCTION TRAFFIC MIGHT BE CROSSING THEIR PATH. THIS ILLUSTRATES A TYPICAL DESIGN FAILURE, IS THAT THE WRITER IS FAMILIAR WITH CONSTRUCTION SITES, AND FAILS TO ANTICIPATE THE MENTAL MODEL OF MOST VIEWERS, FOR WHOM A CONSTRUCTION SITE IS NOT AN ENTRANCE TO ANYWHERE.

## (B) HEURISTIC EVALUATION:

- METHOD: CHOOSE LIST OF USABILITY HEURISTICS, ASSEMBLE TEAM OF EVALUATORS, CHECK OFF EACH HEURISTIC ON EVERY SCREEN

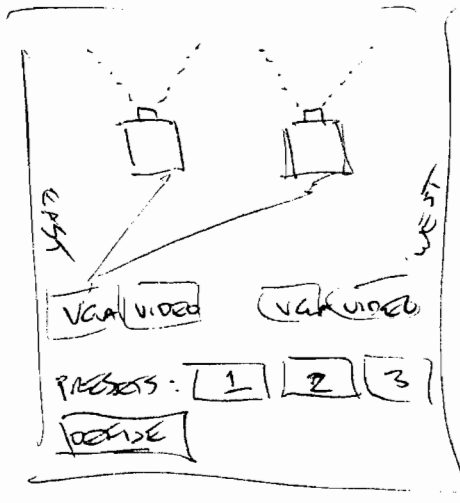
- PROBLEMS: 1. MUTE CONTROL ON AUDIO SCREEN IS NOT CONSISTENT WITH USUAL PLATFORM STANDARD OF CHECK-BOX FOR MUTE, NO VOLUME CONTROL WOULD USE TAPERING TRIANGLE. 2. IS SCREEN 1, CLEAR ALIENATION DETECT HAS NOT BEEN REVIEWED - INSTRUCTIONS TEXT IS MIXED UP WITH LABELS

## COGNITIVE WALKTHROUGH:

- METHOD: DESCRIBE TYPICAL USERS AND THEIR PRIOR KNOWLEDGE, DEFINE TASKS AND REQUIRED SEQUENCE OF ACTIONS TO ACHIEVE THEM. FOR EACH ACTION, DEFINE USERS GOAL, WHETHER CONTROL IS VISIBLE, ITS LABEL MATCHES GOAL, AND FEEDBACK IS GIVEN TO USER

- PROBLEMS: 1. ON SCREEN 4, IT'S NOT CLEAR FROM FEEDBACK WHETHER VOLUME IS BLACK BAR COMING UP, OR WHITE BAR COMING DOWN. 2. QUICK PERS ARE NOT LABELLED, SO ALL FUNCTIONS ON SCREEN 1 ARE INVISIBLE MUST BE THE TIME

(PTO)



THIS INTRODUCES AN ABSTRACTED DESIGN SUBSTANCE,  
 WHICH CAN REDUCE DISCOMFORT (LECTURERS  
 SETUP AND PREFERENCE FOR QUICK ACCESS)  
 BUT AS DISADVANTAGE OF EXTRA EFFORT IS  
 LEARNING TO MAKE ABSTRACTIONS

(15 MINUTES)