



Design Evaluator is a pen-based system that provides designers with critical feedback on their sketches in various visual forms. The goal of these system-generated critiques is to help end users who draw and then reason about their drawings to solve design problems. This paper outlines the implementation strategies of the Design Evaluator and shows example applications in two visual design domains: architectural floor plans and Web page layout.

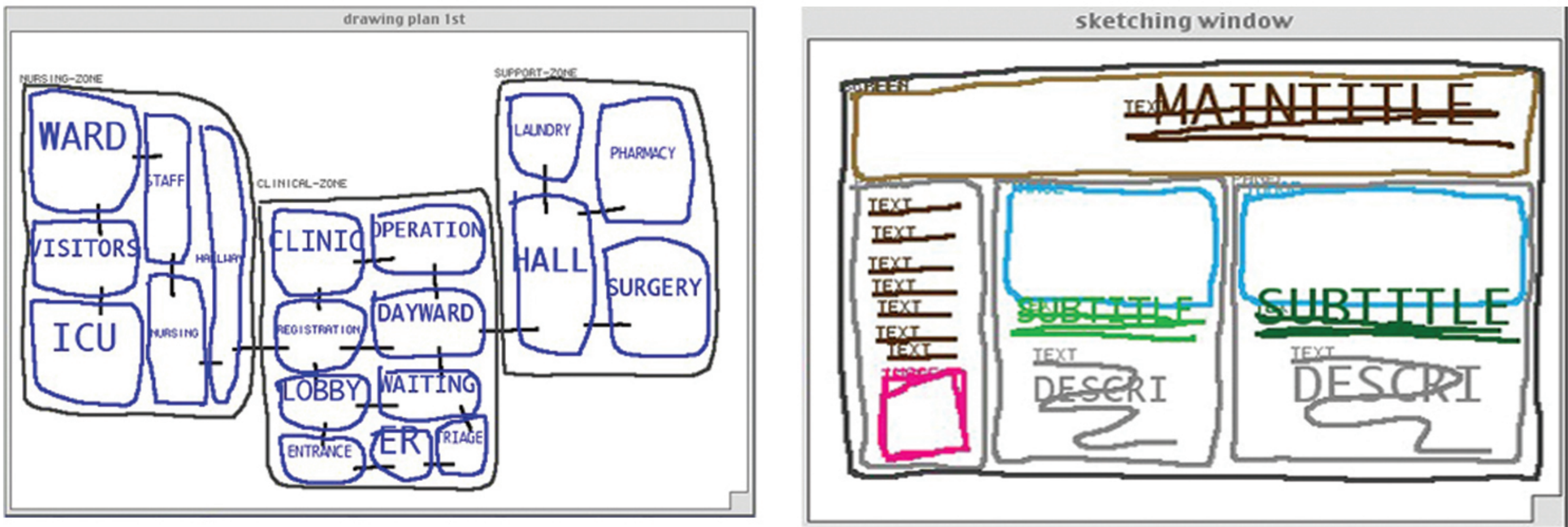
Design Evaluator

- Critiquing Freehand Sketches

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Sketched Diagram for Two Design Domains

Checking Diagrams against Predicates



Critiquing Display Methods

- Textual Critiques
- Graphical Annotation
- 3D VRML Model
- Good/Bad Exemplar Case

