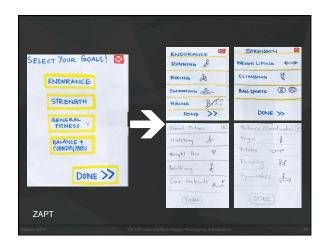
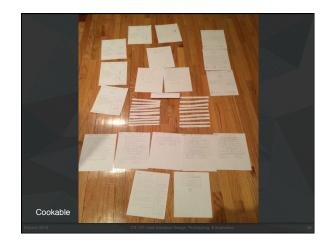
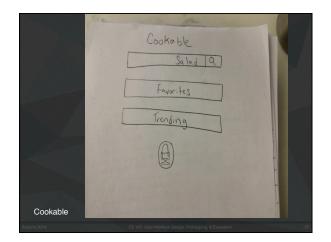


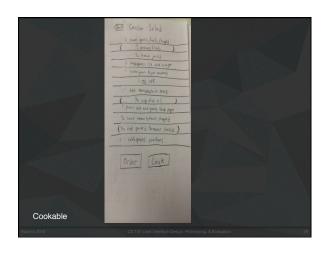
CS 147: HCI+D – UI Design, Prototyping, and Evaluation, Autumn 2014 Prof. James A. Landay Stanford University

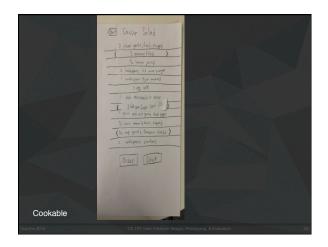


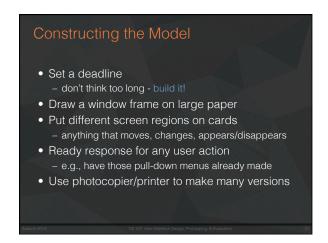


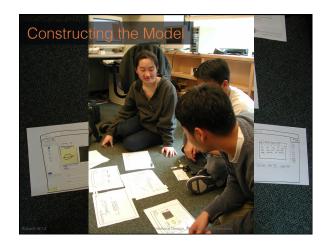


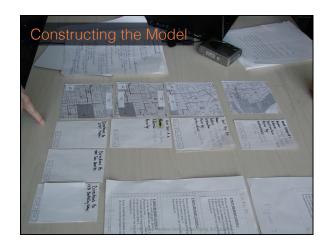


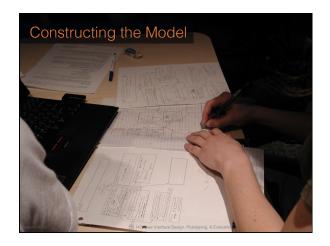




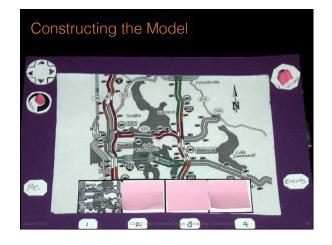




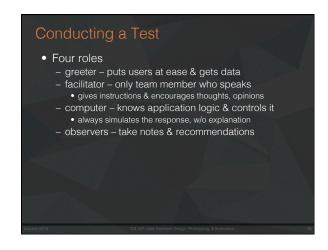








Preparing for a Test Select your "customers" - understand background of intended users - use a questionnaire to get the people you need - don't use friends or family • I think existing "customers" are OK (Rettig disagrees) Prepare scenarios that are - typical of the product during actual use - make prototype support these (small, yet broad) Practice to avoid "bugs"





• Four roles • greeter – puts users at ease & gets data • facilitator – only team member who speaks • gives instructions & encourages thoughts, opinions - computer – knows application logic & controls it • always simulates the response, w/o explanation - observers – take notes & recommendations • Typical session is 1 hour - preparation, the test, debriefing • Read the Gommol paper (1 page) for details on conducting a test

Sort & prioritize observations what was important? lots of problems in the same area? Create a written report on findings gives agenda for meeting on design changes Make changes & iterate

Advantages of Low-fi Prototyping Takes only a few hours no expensive equipment needed Can test multiple alternatives fast iterations number of iterations is tied to final quality Almost all interaction can be faked





