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Та	sk-Centered User Interface Design Lewis and Rieman (1994)
a.	figure out who's going to use the system
b.	choose representative tasks for task-
Ċ.	plagiarize (from other systems)
d. e.	rough out a design think about it
f. a	create a mock-up or prototype
h.	iterate
ı. j.	track it

. chai	ige it
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Methods?				
Task analysis	Observation			
Protocol analysis	Wizard of Oz			
Video Recording Questionnaire	Interview Focus aroups			
Sensitivity Analysis Post-hoc analysis	Expert evaluation Logging use			
Dialogue mark-up and a Manipulation experimen	nalysis t			
Self Report	Sentient analysis			
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	Requirements	
Functi and s	onal requirements: what sub-tasks?	are the task
Data re repre	equirements: what data r esented within the system?	need to be ?
Enviro techr	nmental requirements: pnical, social, organisationa	ohysical, al?
User r skills	equirements: who are the /constraints do they have	ey and what ?
Usabil effici	ity requirements: access ency of use?	sibility,
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Some (usability) heuristics (Waller, 2004) • Visibility of system status • Match between system and real word • User control and freedom • Consistency and standards • Help users recognise, diagnose and recover from errors • Error prevention • Recognition rather than recall • Flexibility and ease of use

- Aesthetic and minimalist design
- Help and documentation
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- Lexical information on word frequency (to avoid uncommon words)
- Lexicon related to topic, or method of classifying as such

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Environmental Requirements Will have to include a scanning device for interface access for some users Use at home or school Speech access (generation, not recognition) Assume parent, teacher or helper to set up



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