Lec 31-33
Evaluation focuses on User experience (satisfying, enjoyable)
Evaluation involves -> observing participant Simeosuring their interactive performance modelling of user behaviour.
- Nevelson Norman Group -> User exp. meets the exact need of the customer Then focus on simplicity and elegance.
Evaluate > What - low tech prototype to final system. Where - Natural/labratory When - bread new/ upgraded
FORMATIVE EVALUATION: Evaluation during design
Summarive Evaluation: Evaluation when design complete

Analytical Evaluation -	huenstic evaluation, wallshapps, modeling, analytics
Controlled Exp	controlled timing / environment
Crowd-sourcing -	web based evaluation by millions of people.
Expert review / crit -	review looking for problem
Field Study -	Evaluation in natural setting
Hveristic evaluation -	Knowledge of typical users is applied
In the wild study -	product/prototypes observed in everyday context.
Usability testing -	measuring user's performance on various tasks
Validity -	Whether evaluation method measure what it is intended to measure.

Types of Evaluation
Seltings not involving users.
1) Mahual Collins
Collins indiving users.
Settings not printing
Testing Questions
1
Selfing used in the experiment? Thow much control did the evaluators exhert? Which methods were recorded and when?
> How much control did the evaluators exhert?
Which methods were recorded and when?
-
Evaluation Methods
Method Me Controlled Setting Wateral Setting Without user
Observing
Asking users
Asking expets
Testing
Modeling

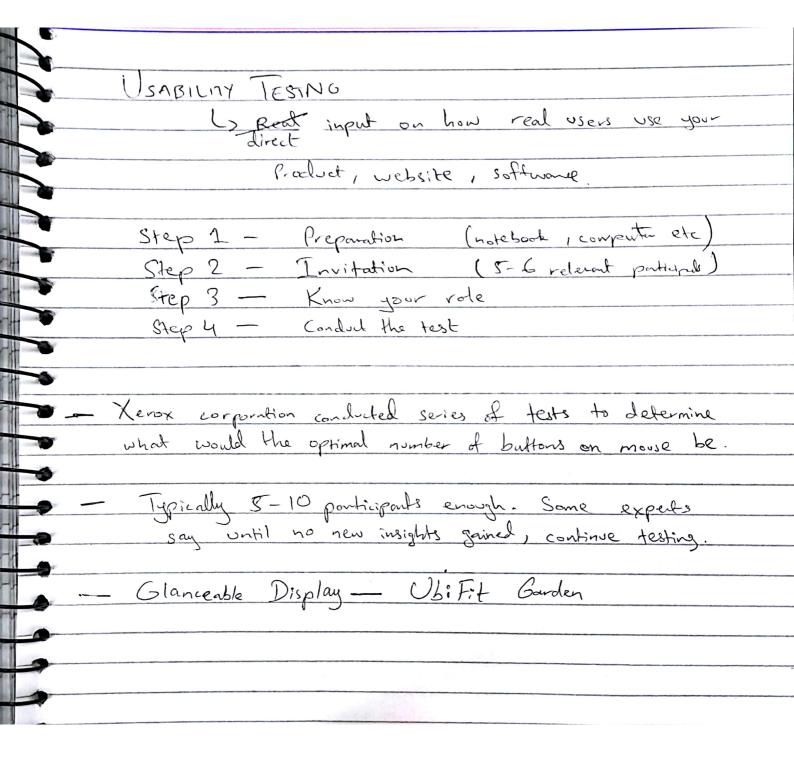
Lec 34-36 Controlled Selling Ly Usability testing & experiments Natural Setting La field studies Setting not involving users Ly Inspection, houristics, wallethnoigh, models, analytics. User Studies = Looking at how people behove in natural environment / Labratory / old tech / new tech Evaluation paradigm = Set of belef under-pinned by theory 4 EVALUATION PARADIGM 15 Osers - 100%. Dirty - informally get kedback - quick - 5 users - 85%. 2 Usability testing - measure user's performance on typical tack for what it was designed for no. of evvors > user performance - controlled

> Questionaures / interviewe

> strongly controlled by evaluator.

7

3) Field Studies - Natural setting. What users do naturally and how
What users do naturally and how
te chaology imprets them
G) Predictive evaluation - theristic evaluation, Wallethoop
GOMS, fitts (aw Predict time, errorse)
User not need to be present.
T
DECIDE FRAMEWORK
D - Defermine the goals
E - Explore the specific governions.
C - Chase evaluation paradigm
1 - Identify Practical issues
D - Decide to deal with exhical issues
E - Evaluate, interpret, present data
4



- Hueristic evaluation is a review guided by set of usability principles known as hueristics.
Usability principles known as hveristics.
- Walkthroops involve Stepping through a pre-planned
- Walletwaghs involve Stepping Hwough a pre-planned Scenario noting potential problems.
- Develope by Jocob Neilsen (Hueristics)
Severity Rating
0 = don't agree if this is a usability problem
- commetic problem (agar time hua to delehein ge)
2 = Minor usability problem
3 - Major usability problem
y = Usability caterstrophe

