HMI Module 2 - Chapter 2	User Concerns	
on and software prices	- Interaction design - Information architecture	
Importance of human characteristics		
in design	- Visual Design	
- Perception	<ul><li>- Functionality</li><li>- Usability</li></ul>	
- memory & mental Models	- Typography	
- Movement Control	- Vser Interface	
- Learning	- Content Strategy	
- Skill	User Centric System Design	
- Sensory Storage	Innevate Understand Research Define	
Sensory Memory	Prefetype of Evaluate Design Use cases Internession	
Iconic Echoic Haptic		
Memory Memory Memory	Durelop Validate	
mental model		
- Internal representation of a person's current understanding of something	Personas	
Carrent and a general state of	- Description of Individual people who	
Design Process	represent group of users that would	
- 5 Phases	interact with your system.	
1) Requirement gathering	- Help to determine, communicate, meaning	
2) Analysis	& contribute to the clean quality of the	
3) Iteration 4 Prototyping	product	
4) Implementation Phase  5) Deployment	- Steps in constructing persona	
9 rabboat bhase	) Identify user behavioural pattern	
Groal-directed Design Process	2) Arrange interviews as per user behaviour	
- Combines techniques of ethnography, Stakeholder interviews, market research,	3) Recognize user behavioural pattern	
literature reviews, detailed user models	4) Generate various user characteristics of relevant goals	
scenario-based design and core set of	5) Check for completeness of goals	
interaction principles and patterns	3) Explain all altributes of behaviour of user	
7 Research Phase	7) Design various persona.	
a) Modelling Phase		
3) Requirement Definition Phase	- Basic drivers for users	
4) Framework Phase	- Goals will motivate the usage pattern to	
5) Refinement Phase	get better results after using the product.	
Typu of was	Universal Design	
- Beginner User	- Used for designing products so that they	
- Intermediate User	can be utilized by maximem people.	
- Expert User	must provide uniform were experience	
Vsability Engineering	- Design must be simple 4 cost effective	
- Based on basic designing & detailed	7 Principles of universal design	
designing, software lifecycle procuses of	) Equitable use	
working model.	> Elexible	
- Allows use of diverse ideal of effected	a) Flexible	
to determine the success of working	3) Simple & intentive 4) Perceptible info	
model 4 its use in different fields - Major decisions taken initially in	5) Tolerance for error	
basic design place of feedback		
analysis at each & every share is	6) Low Physical efforts	
very important in usability engineering	7) Size & space for approach & use	
Mistakes performed white designing		
- End user knows everything		
- End user understands Complex operations		
- End user behaviours can be ignored		
Perign Rules		
. Understand imputs (row material used for making system)		
making system)		
_ Understand Computer Tools Apesincetion-		
- Understand computer - Tools, specifications, Limitations		
Limitations		200
Limitations		
Limitations	u u	