	Assignment HCI-1
	Title: Requirement Grathering
	Date of Completion:
	Problem Statement:
	Identify specialized users and related facilities for a selected product / system and make necessary suggestions for its improved accessibility design.
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	Learning Objectives and Outcomes: - Understand what are specialized users and the problems they face.
	- Capture functional and data specification requirements. - Conduct a meeting with probable users (not necessarily all but representatives) and understand them.
	appropriate student and as hear soughest of
	Requirements:
•	Motepad and Pen, Questionmire (not compulsory), PC/Laptop, Reference for SRS.
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)	Theory: Star Model of Design and Implementation
, ·	Implementation Task & Functional Analysis
	Prototyping Evaluation Requirement Specification
	Conceptual & Functional Design
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	- Prototyping can help in requirement gathering.
3	Functional Requirements
	- In HCI, context functional requirements specify both - what the system
	and user must do.
	- Cannot be gathered completely at start of process.
	- Often specified with charting techniques eg. dataflow diagram.
	- Constraints must be specified
	· System constraints
	· Development process constraints.
=)	Data Requirements
	- Specify meaning and structure of data.
	- Data analysis established
	· What data is required?
	· How it's structured?
	· How it's logically stored?
	- Use of entity relationship diagrams and data dictionary.
•	- Grathered using interviews, observations, document analysis, etc.
a)	Usability Requirements
	- To be tested, usability is expressed in terms of:
1	· learnability: Time and effort to reach a specified level of user perform-
	ance.
	· throughput: For tasks - speed of task execution and errors made
	(ease of use)
	· flexibility: Multiplicity of ways user and system exchange information. · attitude: Positive attitude created in users by the system.
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e	Conclusion:
	With this assignment SRS for mouse stimulator is prepared.
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