AUGUST
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 COE WES GAME DESIGN AND ENGINEE'S THICK 9 TAUGHT BY 10 · prof. Kavita vermuri COURSE TOPICS 1. what is a game? · games overview · a theory of fun · history of games · history of computer games . 2. what are the elements of a game? in this part, we cover the elements of a game, with emphasis on the four major ones. raise studies of games in which one or more of these elements have made the game will be analysed. · mechanics: rules & procedures of the game Story: evente that bind the game together 2014

4.8.2020

Friday WK 33 • 227-138

M 1 W 1 1 5 3	
· aesthetics: game's look, feel, and so	unds
technology: high technology to materials (paper, sensors, wood, etc.)	
	*
3. principles of game design	4 ₆ *
· layers of game design	
· design issues	, 0
· preproduction & documentation	
· design trade offs	
· poor design	v
endoof this part, the game design document prepared.	· ic
4. who is the player?	Δ.
· game genre and player.	
· cutting through the noise from player Clikes, dislikes,)	,
	•
	2014

AUGUST 13 14 15 16 17 18 19 8 20 21 22 23 24 25 26 2 27 28 29 30 31 F S M T W T F S Saturday 4. what is a player's experience? · measuring player's experience · cognitive behaviour measurement techniques understanding and increasing player's experiences during game play is an important test for optimal game design, player's experience are recorded by many techniques. This part will analyze each of the technique, and the value addition of each. 2 some experimental work will be required using tools-like simple EEG, ECG/ BSR and eye tracking. 5. how to design game mechanics? · decision making · types of decisions 1 / suldayow theory · special dynamics: feedback loops, emergence and intentionality 6. what's game interface? · user interface design 2014

4.8.2020

Monday

M	MK 54 * 230-135	
9	· differences between digital and non-ditgital	. UiT
10	· User interface iteration	-
1170	how to create a game script/story?	
12	· linear & non-linear stonytelling	
8.	building a game with technologies	
2	0 0	
3	· analysis of of game engines (unity, XNA)	
4	· Al vs HI in game development	i i
5	· computer graphics & animation	3
6	· physics engine - collision detection	
9.	testing a game	
	· solo testing	
	· critical analysis	
	designer testing	
	· player testing	2014

19 Tuesday

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10. marketing the game

11. ethics, culture, violence in game and
10 responsibilities

TEXTBOOKS

1. the art of agame design; schell (2008)

2. challenges for game designers; brathwaite.

3. Characteristics of games; elias. (2012)

4. game design and development: introduction to the game industry; moore.

Swarm / biological behaviour, cognition and games,

etc.