Dwarkadas J. Sanghvi College of Engineering

(Autonomous College Affiliated to the University of Mumbai)

Scheme and Detailed Syllabus of DJS22 Honors

Program in Immersive Technologies

Revision: 2024

With effect from the Academic Year: 2024-2025



Shri Vile Parle Kelavani Mandal's DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Affiliated to the University of Mumbai) NAAC Accredited with "A" Grade (CGPA: 3.18)



Proposed Scheme for Final Year Undergraduate Program in Artificial Intelligence and Machine Learning: Semester VII (Autonomous) Academic Year(2025-26)

Sr.		Т	eaching Sch	eme		Cont	inuous Assessn	ment (A)			Semester End Examination (B)								
No ·	Course Code	Course		Practical (hrs.)	Tutorial (hrs.)	Term Test 1(TT1) -a	Term Test 2(TT2) -b	Assg/CP/G D/Presentat ion/Quiz) - c	Total (a+b+c)	Term work	CA Total	Duration	Theory	Oral	Pract	Oral & Pract	SEE Total	Aggregate (A+B)	Credits
		Sem V			1G					? L									
1	DJS22AMHN1C1	Computer Graphics	4		ļ	20	15		35	1	35	2	65	1	-		65	100	4
		Sem VI										50							
2	DJS22AMHN1C2	Augmented Reality and Virtual Reality	4		-	20	15		35		35	2	65	1			65	100	4
3	DJS22AMHN1L1	Augmented Reality and Virtual Reality Laboratory	?-/	2						25	25	2	^-\	25			25	50	1
		Sem VII																	
3	DJS22AMHN1C3	Game Design and Gamification	4			20	15		35		35	2	65				60	100	4
4	DJS22AMHN1L2	Game Design and Gamification Laboratory		2	-	-	 V	-	4	25	25	2	1.	25			25	50	1
		Sem VIII											E						
5	DJS22AMHN1C4	Metaverse	4		Y	20	15		35		35	2	65	Z.			65	100	4
		Total	16	4		80	60		140	50	190	12	260	50			310	500	18
Prepared by: Name and Signatures (with date) Head of Department Vice-Principal					4		Princip	oal											
Dr. Aruna Gawde Dr. Narendra Shek					ra Shekoka	ır				P		Dr. Ha	ri Vasud	evan					
Name and Signatures (with date)																			



Continuous Assessment (A):

Course	Assessment Tools	Marks	Time (mins)
	a. Term Test 1 (based on 40 % syllabus)	20	11
Theory	b. Term Test 2 (on next 40 % syllabus)	15	1hr
	Total marks $(a + b)$	35	
A 11.	Performance in the assignments / quiz / power point presentation / poster presentation/group		
Audit course	project / any other tool.		As
Laboratory	Performance in the laboratory and documentation.	25	applicable
Tutorial	Performance in each tutorial & / assignment.	-	
Laboratory & Tutorial	Performance in the laboratory and tutorial.		

Continuous Assessment (B):

Course	Assessment Tools	Marks	Time (hrs.)
Theory /	Written paper based on the entire syllabus.	65	02
* Computer based	* Computer based assessment in the college premises.		02
Oral	Questions based on the entire syllabus.		MI 2
Practical	Performance of the practical assigned during the examination and the output / results obtained.		7
Oral & Practical	Project-based courses - Performance of the practical assigned during the examination and the output/results obtained.	25	As applicable
	Based on the practical performed during the examination and on the entire syllabus.	05	



Shri Vile Parle Kelavani Mandal's DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA: 3.18)



Program: Artificial Intelligence & Machine Learning	B.Tech.	Sem: VII			
Course: Game Design and Gamification (DJS22AMHN1C3)					
Course: Game Design and Gamification Laboratory (DJS22AMHN1L2)					

Prerequisite: Computer Graphics, Virtual Reality and Augmented Reality.

Course Objectives: The course introduces the students to the application of game-design elements and game principles. The objective of the course is to develop problem-solving capabilities using

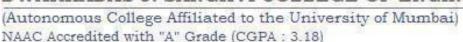
Course Outcomes: On completion of the course, learner will be able to:

- 1. Understanding game design fundamentals
- 2. Analyze Game Mechanics and Dynamics
- 3. Building foundation for the game.
- 4. Analyze Opponent Moves in Gamification

Detailed	Syllabus: Game Design and Gamification (DJS22AMHN1C3)	
Unit	Description	Duration
1	Introduction to Game Design: Motivation, Types of games, Different	06
	aspects of game design; Different components in a game, Game	
	engines, Design Schemas, Game Design Fundamentals	
2	The Design Process: Iterative Design, Commissions, Game creation,	10
	Game Modification, Game Analysis, Design Process, Scripted Game	2
	Deign, Play Testing, Game Mechanics and Dynamics: Feedback and	2
	Re-enforcement, Designing for engagement Game Mechanics in	
	depth, Putting it together, Case study of 8 queen's problem	
3	Rules of Digital Games: Rule as a Whole, What are Rules, Types of	08
	Rules: constitutive, operational, and implicit, Case Study: Rules of	
	Tetris, Why Rules.	
4	Foundations of Gamification: Definition of Gamification, Why	08
	Gamify, Examples and Categories, Gamification in Context,	
	Resetting Behavior, Replaying History, Gaming foundations: Fun	
	Quotient, Evolution by loyalty, status at the wheel, the House always	
	wins.	
5	Developing Thinking: Re-framing Context: Communicology,	12
	Apparatus, and Post-history, Concepts Applied to Video games and	
	Gamification, Rethinking 'playing the game' with Jacques Henriot,	
	To Play Against: Describing Competition in Gamification, Player	
	Motivation: Powerful Human Motivators, Why People Play,	
	Player types, Social Games, Intrinsic verses Extrinsic	
	Motivation, Progression to Mastery. Case studies for Thinking:	
	Tower of Hanoi.	



DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING





6	Opponent Moves in Gamification: Reclaiming Opposition: Counter	08
	gamification, Gamed Agencies: Affectively Modulating Our Screen-	
	and App- Based Digital Futures, Remodeling design, Game	
	Mechanics, Designing for Engagement, Case study of Maze	
	Problem.	
	Total	52

Books

Text books:

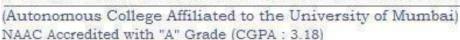
- 1. "Doing Things with Games, Social Impact through Play" by Elizabeth Goins (Publisher: CRC Press, 2021).
- 2. "The Art of Game Design: A Book of Lenses, Third Edition" by Jesse Schell (Publisher: CRC Press, 2019).
- 3. "Games, Design and Play: A Detailed Approach to Iterative Game Design" by Colleen Macklin and John Sharp (Publisher: Addison-Wesley Professional, 2016).
- 4. "Gamify: How Gamification Motivates People to Do Extraordinary Things" by Brian Burke (Publisher: Bibliomotion, 2014).
- Mathias Fuchs, Sonia Fizek, Paolo Ruffino, Niklas Schrape, "Rethinking Gamification", Meson Press, ISBN (Print): 978-3-95796-000-9, http://projects.digital-cultures.net/mesonpress/files/2014/06/9783957960016-rethinkinggamification.pdf, ISBN (PDF): 978-3-95796-001-6, 2014.
- 6. Ernest Adams, "Fundamentals of Game Design", 3rd Edition, New Riders; ISBN-10: 0321929675, 2013.
- 7. Characteristics of Games" by George Skaff Elias, Richard Garfield, and K. Robert Gutschera (Publisher: MIT Press, 2012)

References:

- 1. Scott Nicholson, "A User-Centered Theoretical Framework for Meaningful Gamification," Proceedings of the 8th Games Learning and Society Conference (2012).
- 2. B.J. Fogg, "A Behavior Model for Persuasive Design", Proceedings of the 4th international Conference on Persuasive Technology (ACM, 2009)
- 3. Joey Lee and Jessica Hammer, "Gamification in Education: What, How, Why Bother?" Academic Exchange Quarterly 15.2, 2011.
- 4. Steffen P. Walz and Sebastian Deterding, eds., "The Gameful World: Approaches, Issues, Applications", MIT Press, 2015, (selected chapters), chapter. 18 (Gamification and the Enterprise)
- 5. Juho Hamari and Vili Lehdonvirta, "Game Design as Marketing: How Game Mechanics Create Demand for Virtual Goods," International Journal of Business Science and Applied Management 5:14 (2010).
- 6. Roger E. Pedersen, "Game Design Foundations", Jones & Bartlett Learning; 2009, Second Edition, ISBN-10: 1598220349.
- 7. Kevin Werbach and Daniel Hunter, "For the Win: How Game Thinking Can Revolutionize Your Business", (Wharton Digital Press, 2012).
- 8. "Reality is Broken: Why Games Make Us Better and How They Can Change the World" by Jane McGonigal (Publisher: Penguin Books, 2011).
- 9. "Rules of Play: Game Design Fundamentals" by Katie Salen Tekinbas and Eric Zimmerman (Publisher: MIT Press, 2003).



DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING





- 10. Katie Salen and Eric Zimmerman, "Rules of Play: Game Design Fundamentals", MIT Press, , ISBN 0-262-24045-9, 2003.
- 11. Byron Reeves and J. Leighton Read, "Total Engagement: Using Games and Virtual Worlds to Change the Way People Work and Businesses Compete", (Harvard Business Press, 2009) (selected chapters).

Online Resources:

- 1. Introduction to Game Design | Coursera
- 2. Microsoft Word 2WS0404HunickeR.doc (northwestern.edu)
- 3. The Game Design Resource Guide. I rounded up a list of references for... | by Alexia Mandeville | Medium
- 4. (1) (PDF) Digital Games and Gamification in Education: Chapter 11 Assessment Based Games and Gamification (researchgate.net)
- 5. : 1 Gamifying the development of critical thinking in education Drimify
- 6. Gamification (edtechbooks.org)
- 7. <u>LitReview_Gamification_12FEB19.pdf (advanced-hindsight.com)</u>

Suggested Experiments:

concept of gamification. Imagine you are describing to a friend or relative what this cousis about, and why it's an important topic. To the extent possible, anticipate and addressabout, and why it's an important topic. To the extent possible, anticipate and addressabout, and why it's an important topic. To the extent possible, anticipate and addressabout possible misunderstandings. Humor and creativity are encouraged! 3 Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choosis so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? 4 Identify two games. Do a comparative analysis that explains which system you think is measuccessful, and why. Give specific examples of design aspects that you find effective ineffective. 5 Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crushaga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? 6 Application Comparison: Compare the use of gamification in two of the four applicated categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected game.	Game D	Game Design and Gamification Laboratory (DJS22AMHN1L2)					
Gamification Definition Video: Create a video, animation, or screencast up to ten minutes long, which explains concept of gamification. Imagine you are describing to a friend or relative what this cour is about, and why it's an important topic. To the extent possible, anticipate and addr possible misunderstandings. Humor and creativity are encouraged! Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choosis so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is musuccessful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games and the properties of the selected games and the properties of the selected games are properties.	Sr. No	Title of Experiment					
Create a video, animation, or screencast up to ten minutes long, which explains concept of gamification. Imagine you are describing to a friend or relative what this couls about, and why it's an important topic. To the extent possible, anticipate and addressible misunderstandings. Humor and creativity are encouraged! 3 Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choosis so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? 4 Identify two games. Do a comparative analysis that explains which system you think is musticessful, and why. Give specific examples of design aspects that you find effective ineffective. 5 Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? 6 Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected gamification can be more effective?	1.	Analyze a game and describe it in terms of its core elements, game mechanics, rules					
concept of gamification. Imagine you are describing to a friend or relative what this course about, and why it's an important topic. To the extent possible, anticipate and addressabout, and why it's an important topic. To the extent possible, anticipate and addressabout, and why it's an important topic. To the extent possible, anticipate and addressabout and why it's an important topic. To the extent possible, anticipate and addressabout and why are encouraged! Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choosing.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is measuccessful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected game.	2	Gamification Definition Video:					
is about, and why it's an important topic. To the extent possible, anticipate and addr possible misunderstandings. Humor and creativity are encouraged! 3 Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choosis so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? 4 Identify two games. Do a comparative analysis that explains which system you think is must successful, and why. Give specific examples of design aspects that you find effective ineffective. 5 Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? 6 Application Comparison: Compare the use of gamification in two of the four application categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected games are games and successible and succes		Create a video, animation, or screencast up to ten minutes long, which explains the					
spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choosis so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is must successful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.		concept of gamification. Imagine you are describing to a friend or relative what this course					
Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash Clans, or Words with Friends. (These are just examples; it can be any game of your choose so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is measuccessful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cresaga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.		is about, and why it's an important topic. To the extent possible, anticipate and address					
Clans, or Words with Friends. (These are just examples; it can be any game of your choosis so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is measuccessful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cresaga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.		possible misunderstandings. Humor and creativity are encouraged!					
so long as you didn't already use it for a prior assignment.) Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is must successful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crusaga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.	3	Spend some time playing a casual online/mobile game, such as Candy Crush Saga, Clash of					
Analyze the techniques the game uses to motivate players to participate, and to keep playing Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is must successful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crusaga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicate categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.		Clans, or Words with Friends. (These are just examples; it can be any game of your choosing,					
Are they effective? Why or why not? Identify two games. Do a comparative analysis that explains which system you think is m successful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cr Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.							
Identify two games. Do a comparative analysis that explains which system you think is measuccessful, and why. Give specific examples of design aspects that you find effective ineffective. Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cr Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.		Analyze the techniques the game uses to motivate players to participate, and to keep playing.					
successful, and why. Give specific examples of design aspects that you find effective ineffective. 5 Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cr Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? 6 Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected games of the content of the four application of the four application can be more effective?		Are they effective? Why or why not?					
 Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cr Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected game. 	4 Identify two games. Do a comparative analysis that explains which system you						
 Casual Games: Spend some time playing a casual online/mobile game, such as Candy Cr Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected game. 		successful, and why. Give specific examples of design aspects that you find effective or					
Saga, Clash of Clans, or Words with Friends. (These are just examples; it can be any game your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected games.							
your choosing.) Answer the following questions, drawing on the concept discussed in course: Is the game fun? Why or why not? What could a business learn from this game? 6 Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected game.	5	Casual Games: Spend some time playing a casual online/mobile game, such as Candy Crush					
course: Is the game fun? Why or why not? What could a business learn from this game? Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected game.							
Application Comparison: Compare the use of gamification in two of the four applicat categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected game.	your choosing.) Answer the following questions, drawing on the concept of						
categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected game.		course: Is the game fun? Why or why not? What could a business learn from this game?					
categories, viz., Marketing, Workplace, Learning, Behavior Change. How would successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected game.	6	Application Comparison: Compare the use of gamification in two of the four application					
successful gamification system differ in the two situations, and how would it be similar? which do you think gamification can be more effective? Develop a simple digital game or gamified system that incorporates the selected game.							
which do you think gamification can be more effective? 7 Develop a simple digital game or gamified system that incorporates the selected game.							
Develop a simple digital game of gammies system and meetperates and selected ga							
machanics. Ensure that the same addresses a specific chicative (a.g. learning a concept)	7	Develop a simple digital game or gamified system that incorporates the selected game					
mechanics. Ensure that the game addresses a specific objective (e.g., learning a concept)		mechanics. Ensure that the game addresses a specific objective (e.g., learning a concept)					
8 Mini Project	8						

Minimum eight tutorials from the above suggested list or any other tutorial based on syllabus will be included, which would help the learner to apply the concept learnt.



DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING



(Autonomous College Affiliated to the University of Mumbai) NAAC Accredited with "A" Grade (CGPA: 3.18)



Prepared by Checked by HoD Vice Principal Principal

