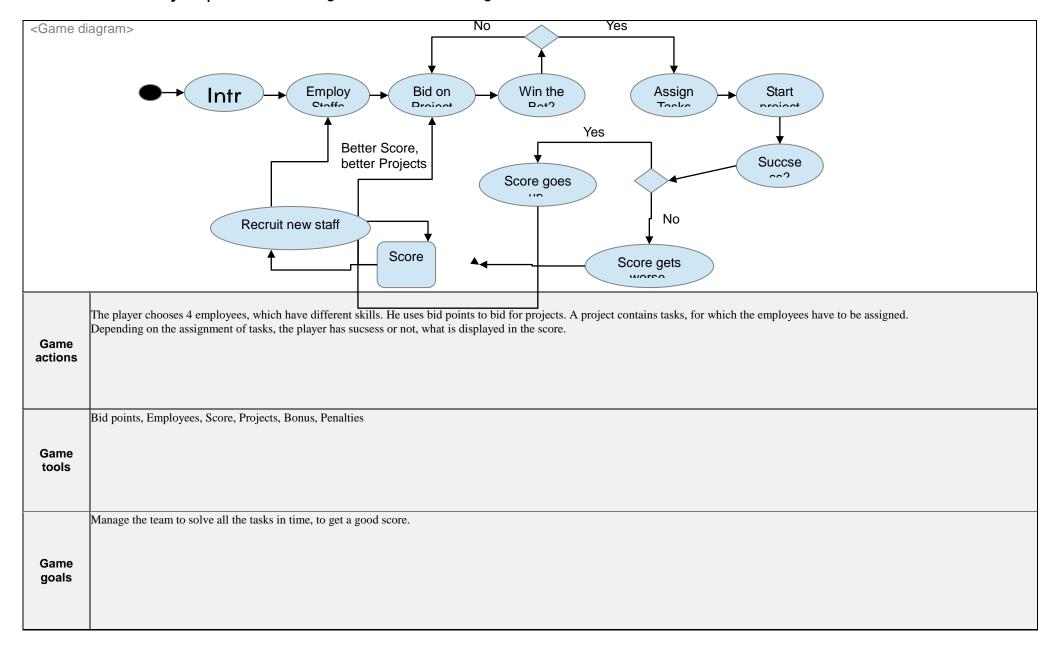
## SGADM Game Analysis | Part I – Activities map

Game: Senior PM Game

	Gaming activity	Learning activity	Internal teaching activity	External teaching activity (optional)
Activity	Play the game	Learn how to organize projects and how to initiate employees with different skills for different tasks.  Learn how a good assignment of tasks can effect the success of a project.  Learn how staffs can develop their skills.	Use the game to explain how projectmanagement works and how important a good assignment of tasks is for the success of a project.	
Subject	Player	Player/learner	Game designer	-
Motives	Competition  Learning about Projectmanagement	Learning about projectmanagement enables the player to get better results during the game, and lets him rise up in the score ranking.	Give people a chance to improve their management skills.	-
Tool	Game	Game	Game	-

## SGADM Game Analysis | Part II - Game diagram and actions/ tools/ goals table



	Assignment of tasks for the different employees
Learning	
Actions	
	The different employees, projects with different tasks
Loorning	
Learning Tools	
10013	
	To make the best decisions when assigning the tasks, concidering the difficulty and the skills of the employees.
Learning	
Goals	
	Inform the player of the results of his decisions and reward good choises with a good score and punish him for bad decisions with penalties.
Internal	
Teaching	
actions	
	Score, Bonus, Penalties
Internal	
Teaching	
tools	
	Give feedback on the players decisions.
	orve recuback on the players decisions.
Internal	
Teaching	
goals	
	·

External Teaching actions	
External Teaching tools	
External Teaching goals	

## SGADM Game Analysis | Part III – Abstractions table

	Manage Resources, Planning
Game	
actions	
	Tokens, Penalties, Performance meters, Rewards
	Tokens, Penames, Penormance meters, Rewards
Game tools	
	Maximize score
Game	
goals	
	Experimentating, Planning, Selecting
Learning Actions	
	Simulator
Learning	
Tools	
	Organization, Reflective observation
Learning	Organization, Reflective observation
Goals	
	Rewarding good performance, Sanctioning bad performance
Internal Teaching	
actions	
	Penalties, Rewards, Simulators
Internal	i Charles, Revalus, Dinamens
Teaching tools	
toois	
Internal	Providing feedback, Assessing performance
Internal Teaching	
goals	

External Teaching actions	
External Teaching tools	
External Teaching goals	

	Gaming actions						
Е	ntity manipulati	ions	Mov	/ement	Time-related	Information	
Capturing	Eliminating	Owning	Avoiding	Shooting	Manipulating time	Asking questions	
Collecting	Exchanging	Planning / Strategy	Colliding	Targeting	Starting/ Stopping time	Answering questions / trivia	
Creating	Generating	Removing	Moving	Teleporting	Advance game period	Obtain help	
Customizing	Managing resources	Selecting	Evading	Traversing		See performance evaluation	
Designing	Manipulating gravity	Tactical maneuvering	Rotating	Visiting		Watch / Listen to / Read information	
Destroying	Matching	Trading virtual items				Watch / Listen to / Read story	
Editing							

Gami			
Collect resources	d with		
Be the first to reach the end	Learn to use interface		
Be the last player standing	Maximize perfo	rmance	
Collect information	Maximize so		
Complete quest	Perform task within allotted time		
Complete side quests	Reach narrative end		
Form/discover goal	Reach resources end		
·			

	Gaming tools									
Objec	ets	Attributes	Time	Feedback	Help	Chance/ Randomness	Narrative (aesthetics)	Rules	Segmentation of gameplay	Goal metrics
2D/3D space	Modifiers	Lives	Chronometer	Achievements	Advice and assistance	Dice	Cut scenes	(In)complete information	Alternating turns	Achievement
Cards	Non-playing characters (NPC)	Position in space	Time pressure	Leaderboards	Guide character	Lottery	Role play	Competition	Challenges	Performance record
Gifts	Tiles	Roles		Penalties	Checklists/ Task lists	Random appearances	Story (text)	Game modes	Checkpoints	Score
Goods	Tokens	Secrets		Performance meters	Tips	Randomizers		Gamemaster / referee	Game Period	Success level
Grids	Virtual money	Virtual skills		Performance record	Tutorial			Multiplayer	Infinite gameplay	Time
Information				Points	Warning messages			Zero-sum / non- zero-sum	Levels	
				Progress bar					Metagame	
				Rewards					Puzzles	
				Status levels					Quest / Problem	
									Time	

Learning actions				
Completing goal	Memorizing			
Discovering	Model building			
Discriminating	Objectifying			
Discussion	Observing			
Experimentating	Participating			
Exploring	Participating in conversation			
Forming hypothesis	Performing action/ task			
Forming goal	Planning			
Generalizing	Puzzlement			
Identifying	Reading			
Imitating	Repetition			
Listening	Selecting/ Choosing			
Locating	Verifying/ Reviewing			

Learning tools						
Animation						
Challenge						
Graphics						
Information						
Report						
Simulator						
Story			Learning goals			
Student diary	Bloom's	Bloom's	Bloom's	17.11.1		
Task list/ Checklist	Taxonomy – Cognitive	Taxonomy – Affective	Taxonomy – Psychomotor	Kolb's experiential	Fink's Taxonomy	
Tasks	domain	domain	domain	learning cycle	Taxonomy	
Tests	Remembering	Receiving	Perception	Concrete	Foundational	
Text	Kemembering	phenomena	(awareness)	experience	Knowledge	
Video	Understanding	Responding to phenomena	Set	Active experimentation	Application	
	Analyzing	Valuing	Guided response	Reflective observation	Integration	
	Applying	Organization	Mechanism (basic proficiency)	Abstract conceptualization	Human dimension	
	Evaluating	Internalizing values	Complex Overt Response		Caring	
	Creating		Adaptation		Learning how to learn	
			Origination			

Teaching actions
Demonstrating
Presenting material
Presenting problem
Presenting quiz
Qualitatively assessing performance
Quantitatively
assessing
performance
Reviewing lesson
Rewarding good
performance
Sanctioning bad
performance
Scaffolding
Showing similar
problems
Stressing importance
Suggesting
improvements

Telling story

Teaching tools
Checklists
Deadlines
Discussion
Help text
Limited set of choices
Penalties
Performance measures
Practice tests
Questions & Answers
Rewards
Simulators
Story
Tips / Assistance
Warning messages

Teaching goals	
Gagné's Nine Events of Instruction	ARCS Model of Motivational Design
Gaining attention	Attention
Informing learner of objective	Relevance
Stimulating recall of prior learning	Confidence
Presenting the stimulus	Satisfaction
Providing learning guidance	
Eliciting performance	
Providing feedback	
Assessing performance	
Enhancing retention and transfer	

