Project Scope Statement

Project title: Hacktopoly

Project Scope/Objective Description

The project is aimed at completing the development of a monopoly-inspired software.

Project Team Members

- Yuanzhe Zhang (40276087)
- Niall O'Neill (40297272)
- Jamaica De Guzman (40137844)
- Roche Francis Palen (40301756)
- Marc Villareal (402976087)
- Matthew Hutchinson (40112152)
- Lorenzo Cueto (40302258)

Project Deliverables

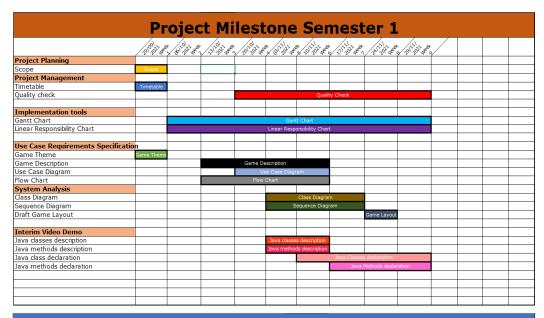
- A use case diagram representing the main sets of sequences of user-system interaction and a corresponding set of written use case descriptions.
- A **Gantt chart** indicating the main development strands and deliverables over the whole project lifetime.
- An **initial class diagram** representing the most important concepts in the application domain.
- Use case realisations in the form of sequence diagrams that show the main sets of sequences
 of interaction.
- A Draft Game Layout & Final Game Layout.
- An Interim Demo & Final Demo.
- Peer assessment for the problem and early solution and a **final peer assessment** for the final solution.
- A working system developed in Java.
- Design Documentation.
- A test plan based on the original use case requirements specification.
- Final PDF report.

Project Acceptance Criteria

- Semester 1 PDF Report & Semester 2 PDF Report.
- Semester 1 Interim Video Demo & Semester 2 Video Demo and Code.
- Semester 1 Peer Assessment & Semester 2 Peer Assessment.

Project Constraints

- System to be developed exclusively in java.
- Time/resource/personnel limitations.



Linear Responsibility Chart Semester 1

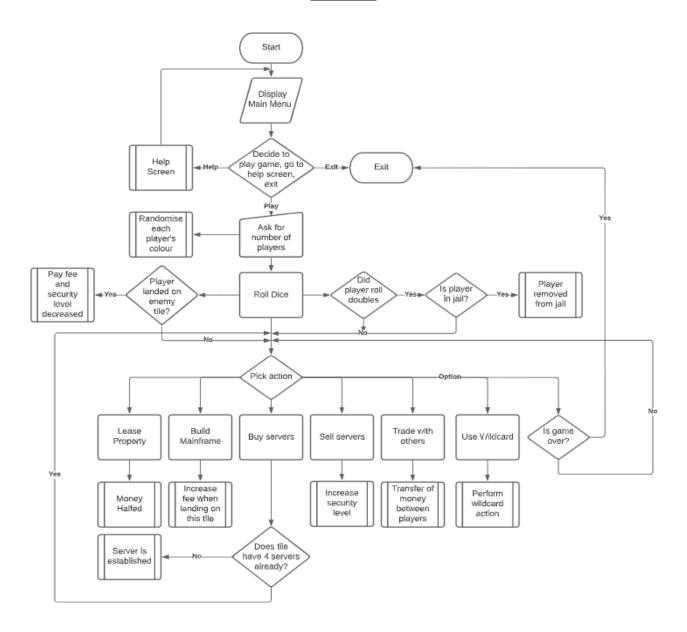
Legend: Responsible = **R** Support = **S** Quality Checker = **QC** Verifier = **V**

	1	Marc	Roche		1	1				
	Lorenzo	Vincent	Francis	Jamaica De	Matthew	Yuanzhe	Niall			
	Cueto	Villareal	Palen	Guzman	Hutchinson	Zhang	O'Neill			
Tasks										
Write Scope	QC		R	S	V					
Create Timetable		V	S	R	QC					
Create Quality Check Plan	V		S	R	QC					
Write Weekly Minutes			S	R	V	QC				
Update Quality Check Plan	QC		R	V	S					
Update Weekly Minutes	S	QC	V	R						
Create Gantt Chart	V		S	R						
Update Gantt Chart	V		S	R	QC					
Create Game Theme	R	S	R	V	QC	S	S			
Write Game Description	QC	S	V			R	S			
Create Use Case Diagram	V	S			QC	R	S			
Create Flow Chart	QC	S			V	S	R			
Create Class Diagram	R		QC	V	S					
Create Sequence Diagram	S		QC	V	R					
Draft Game Layout	S		V	R	QC					
Write Java Classes Description			QC	V	R					
Write Java Methods Descriptio			QC	V	R					
Declare Java Classes	R		QC	V	S					
Declare Java Methods	R		QC	V	S					
Record&Edit Video Demo	R		S		V		QC			
Project PDF Documentation	QC		R	V	S					
Submission	QC		R	V	S					

2

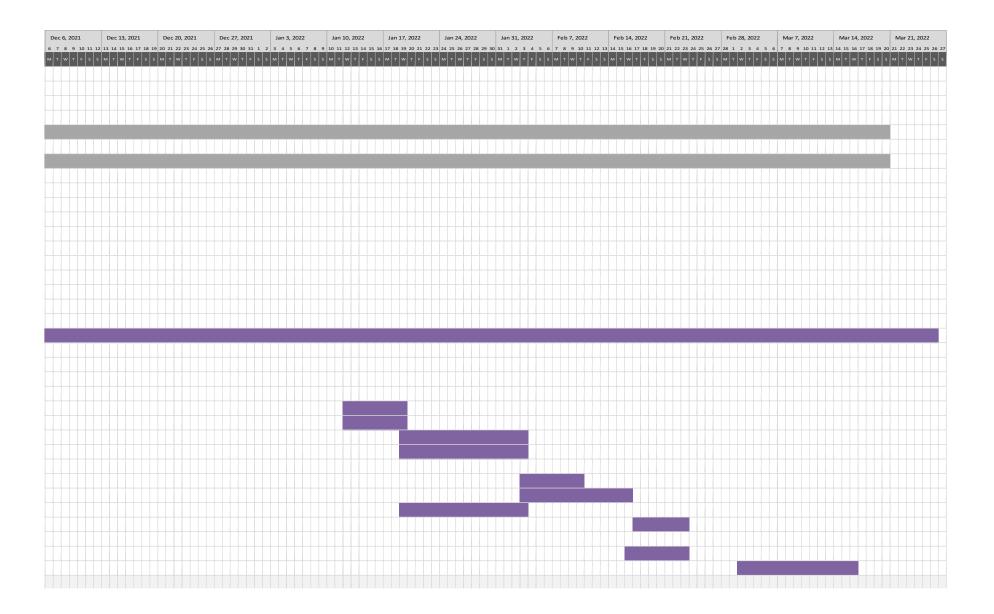
	Quality Check Pla	an Semester 1	
Actions	Plan	Check	Finished
Scope	Write scope describing the mechanics of the project	Scope written	~
Timetable	Create timetable to show the milestone of project tasks	Timetable created	~
Quality Check Plan	Create quality check plan that contains the description of the actions	Quality Check Plan created	~
Weekly Minutes	Write weekly minutes after each team meeting with a brief layout of tasks and action plan	Weekly Minutes written	~
Quality Check Plan	Update quality check plan to make sure actions are up to date	Quality Check updated	~
Update Weekly Minutes	Update weekly minutes from the previous week's action plan and create new action plan for the following week	Weekly Minutes updated	~
Gantt Chart	Create gantt chart to show the weekly progress of each tasks of the whole project	Gantt Chart created	~
Update Gantt Chart	Update gantt chart weekly monitoring the progress of each tasks	Gantt Chart updated	~
Game Theme	Create game theme describing the idea and framework of the project game	Game Theme created	~
Game Description	Write game description to show the mechanics of the game	Game Description written	~
Use Case Diagram	Create Use Case Diagram describing the functions between the system and actor.	Use Case Diagram created	~
Flow Chart	Create Flow Chart to illustrate the flow of events of the game	Flow Chart created	~
Class Diagram	Create Class Diagram to define the classes and methods	Class Diagram created	~
Sequence Diagram	Create Sequence Diagram showing the set of action sequences of the game	Sequence Diagram created	~
Draft Game Layout	Create a draft Game Layout to show the visual image of the game	Draft Game Layout created	~
Java Classes Description	Write Java Classes Description determining the classes of the game	Java Classes description written	~
Java Methods Description	Write Java Methods Description determining the methods of the classes	Java Methods descriptions written	~
Declare Java Classes	Declare Java Classes defining the classes of the game	Java Classes declared	~
Declare Java Methods	Declare Java Methods defining the functions of each methods in the class	Java Methods declared	~
Video Demo	Record&Edit Video Demo to showcase the prototype code fragment of the game	Video recored & edited	~
Project PDF	Project PDF documenting the whole body of the project in PDF format	Project documented	~
Submission	Submission requirements needs to be met checking the deliverables	Submission done	~

Flow Chart



Jamaica De Guzman & Roche Francis Palen

		Project Start:	Tue, 9/	28/2021																												
		Display Week:	1		Sep 2	, 2021	Oct	4, 2021		Oct 11,	2021	c	Oct 18, 2	2021	0	Oct 25, 2021 Nov 1, 202		021		lov 8, 20			Nov 15,			Nov 22, 2			ov 29, 2			
TASK	ASSIGNED	PROGRESS	START	END	27 28 2	9 30 1 2 V T F S	3 4 5	6 7 8 W T F	9 10 1 s s	11 12 13 M T W	14 15 1	16 17 18 s s m	19 20 T	21 22 23 T F S	24 25 S	26 27 21 T W T	29 30 F S	31 1 s M	2 3 ·	4 5 6 T F S	7 8 5 M	9 10 1	1 12 1 T F	13 14 15 s s m	16 17 T W	18 19 2	0 21 22 s s m	23 24 2	5 26 27 T F S	28 29 3 s M	10 1 2	2 3 4 5 T F S S
1. Project Planning	то																															
Scope	R.F.P	100%	9/29/21	10/6/21													Ш	\top				Ш									+	
2. Project Management						ш												\forall													+	111
Timetable	J.D	100%	9/29/21	10/6/21										#	Ш		Ш	\forall	\forall				††	\top	Ш	#		Ш			+	
Quality Check	J.D	100%	10/6/21	3/20/22		Ш	Ш																									
3. Implementation Tools							ш		П		П	т		Т		П		П	П	П	П	П	П	П		П	П			П	П	Ш
Gantt Chart	R.F.P / J.D	100%	10/6/21	3/20/22			ш																									
Linear Reponsibility Chart	J.D	100%	10/6/21	10/10/21								П	П	П		П		П	П	П	П	П	П	П		П	П			П	П	Ш
4. Use Case Requirements Specification							Ш			Ш			П		П		Ш	П		П		П	П	П	П	П	П	П			П	
Game Theme	R.F.P / L.C	100%	9/29/21	10/6/21					Ш	Ш					П			\top		П			\top			\top		П	Ш	П	П	\prod
Game Description	Y.Z	100%	10/13/21	11/17/21					Ш																			П	Ш	П	\prod	
Use Case Diagram	Y.Z / M.V / N.O	100%	10/20/21	11/17/21		Ш	Ш			П	П	П																				
Flow Chart	Y.Z / M.V / N.O	100%	10/13/21	11/17/21																							П				П	
5. System Analysis														П				П	П	П			П	П							П	Ш
Class Diagram	L.C	100%	11/3/21	11/24/21																											П	
Sequence Diagram	M.H	100%	11/3/21	11/24/21														П														
Draft Game Layout	J.D	100%	11/24/21	11/29/2021														П														
6. Interim Video Demo																		П														
Java Classes Description	M.H	100%	11/3/21	11/17/2021																												
Java methods description	М.Н	100%	11/3/21	11/17/21																												
Java classes declaration	L.C	100%	11/10/21	11/29/21																												
Java methods declaration	L.C	100%	11/17/21	11/29/21																												
7. The Working System																																
Java classes description revised	M.H / L.C / R.F.P	0%	1/12/22	1/19/22						Ш							Ш	Ш													Ш	Ш
Java methods description revised	M.H / L.C / R.F.P	0%	1/12/22	1/19/22											Ш			Ш					Ш							Ш	Ш	Ш
Java classes declaration revised	M.H / L.C / R.F.P	0%	1/19/22	2/3/22			Ш			Ш	Ш				Ш		Ш	Ш		Ш		Ш	Ш		Ш				Ш	Ш	Ш	
Java methods declaration revised	M.H / L.C / R.F.P	0%	1/19/22	2/3/22			Ш			Ш	Ш						Ш	Ш				Ш			Ш				Ш	Ш	Ш	Ш
8. Design Documentation							Ш		Ш	Ш	Ш		Ш	Ш	Ш		Ш	Ш		Ш		Ш	Ш		Ш			Ш	Ш	Ш	Ш	Ш
Text User Interface Samples Prompts	J.D / M.V	0%	2/3/22	2/10/22			Ш		Ш	Ш	Ш				Ш		Ш	Ш	Ш			Ш	Ш		Ш			Ш		Ш	Ш	Ш
Class Relationship Model	N.O / Y.Z	0%	2/3/22	2/16/22					Ш	Ш	Ш		Ш	Ш	Ш		Ш	Ш	Ш	Ш		Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш
Sequence diagram revised	M.H	0%	1/19/22	2/3/22			Ш		Ш	Ш	Ш				Ш		Ш	Ш	Ш			Ш	Ш		Ш			Ш		Ш	Ш	Ш
Final Game Layout	J.D	0%	2/17/22	2/23/22			Ш		Ш	Ш	Ш	1	Ш	1	Ш		Ш	\perp	Ш	1		Ш		4	Ш			Ш	Ш	Ш	4	111
9. Implementation-Related Documentation							Ш		Ш	Ш	Ш	1	Ш	1	Ш		Ш			1		Ш		4	Ш		Ш	Ш	Ш	Ш	4	111
Test Plan	R.F.P / J.D	0%	2/16/22	2/23/22			Ш		Ш	Ш	Ш	1	Ш	1	Ш		Ш		Ш	1		Ш		4	Ш		Ш	Ш	Ш	4	4	111
JUnit Testing	M.H / L.C / M.V	0%	3/2/22	3/16/22																									Ш	Ш	Ш	Ш
Insert new rows ABOVE this one																																



Game Theme

Theme name	Hacktopoly
Theme summary	Players have two variables money and security value. Money is
	used to upgrade buy servers to take over them, but security value is
	more important, affecting winning or losing the game. Players will
	move around the board and land on different servers which
	represents how people normally browse the internet. The goal is for
	players to lower the security level and steal the money of the other
	players to hack them. Players will take control of servers and use
	wildcards to hack the other players.
Properties/ Resources	A group of Property tiles on the board represent companies you can
	take over. Individual tiles in a group represent countries which a
	company operates in e.g., America, EU, Asia. Tech companies
	have separate colours all around the board. You take over a
	company tile (property) by spending money. You can only take over
	the servers on an individual property when you have taken over all
	other related tiles of a single company.
Building houses/ Resources	A player can build and own up to 4 server per company tile.
	server(house).
	After building 4 servers, the player has the option to replace all 4
	servers on the tile with a mainframe which incurs a higher fee from
	opposing players.
Rent	Instead of paying rent, the player that lands on an owned server tile
	loses some of their security rating, which represents the said player
	losing data/passwords. Players will also lose some of their money.
	The data/money given will scale with the number of servers on the
	tile or if the tile has a mainframe.
Selling houses/Resources	When in need of increasing security level due to being hacked by
	other players, players can remove their control over some servers
	they have on a property to increase their own security. They will
	have to spend money again to upgrade it
Mortgages	A player can lease their property to receive a half of their security
	rating value and monetary price. Should another player land on the
	tile then no data fees will be incurred upon the player.
Trading	Trading will be set out as usual. There will be a give and take of
	property and/or money. Trading will remain unrestricted meaning a
	player can absolutely request and not give anything back at all.
	Players make a request to trade with one player and the player
	receiving the request can either accept or decline.
Wildcards	Like monopoly there are two wildcard types these are Attack
	vectors, more focussed on targeting other players and Security
	cards which are focused on protecting yourself from other players
	or providing advantageous bonuses. Wildcard targets will either be
	the current player or another player/players that the current player
	chooses. A Wildcard's effect which targets the current player will
	just occur, but a player can choose to use a card that targets
	another player/players.
	Examples – Attack Vectors

	 Security Breach – The current player selects another player from the game and hacks them directly, lowering the security level of the other player and adding it to the current player's security level. Scam – Players that are targeted by this card lose some of their money to the player that is using it on them Malware leak – The hacked company retains control over one of the servers a player has on a tile, reducing the tile's rent value. Examples – Security Cards Encryption – players implement more security for themselves increasing their security level a certain value VPN – When a player lands on another player's tile where they have taken over a server, they will not lose any money or security level
Jail Parking (if applicable)	Ransomware attack When players land on the ransomware attack tile, they go to the vulnerable tile and remain there for 3 turns. If they roll 2 6s they can get out early but while they are in there, they lose 100 money and 100 security level each turn Security search tiles will have players either pay a fee or none.
Parking (if applicable)	Security search tiles will have players either pay a fee or none.
Winning the game	Player wins when the security of all other players drops to 0 and those players don't own any other servers/malware assets. When the security level drops to 0, the player automatically loses all the money they have to the player tile that they landed on, and they are eliminated from the game.

Game Descriptions

Flow of Events	for the <i>Pre-game Setup</i> use-case
Objective	To register each player's name and initialize their status.
Pre-condition	The game is successfully loaded.
Main Flow (for	The system display current player's number.
each player)	2. The player type in their name.
	3. The player is given a designated amount of money and security value.
	4. Next player repeat the process until every player is registered.
Alternative	At 2, if the name typed in is illegal (contain illegal character or too long), the system
Flows	displays a warning, player is asked to type in again.
Post-	Player is ready for gameplay. Game-play menu will display.
condition	

Flow of Events	for the Game Play use-case
Objective	To allow player select one of the game-play actions.
Pre-condition	The player has done pre-game registration.
Main Flow	1. The system display all available game-play options, plus "next player" option.
Alternative	At 1, if the player selects "next player" option, the Game-play Menu will display for the
Flows	next player.
Post-	Player will start the selected game-play action.
condition	

Flow of Events	for the Roll Dice use-case
Objective	To determine the next tile the player will land on. The player could go to jail if unlucky.
Pre-condition	The player selected "Roll Dice" in the Game-play Menu.
Main Flow	The player choose to start rolling dice. The system returns the result (1 to 6).
	3. The player lands on a new tile according to the result.4. The player pays rent and lose security value if the new tile is owned by another
	player. The more servers there is on the new tile, the more rent the player should pay, the more security value the player will lose.
	5. The system display the game-play menu again based on the updated location.
Alternative	At 3, if the player lands on a jail tile, Go Jail use case will be utilized.
Flows	At 4, if the player loses all their security value, they will be out of the game.
Post- condition	Player's location is updated.

Flow of Events	for the Go jail use-case
Objective	To stop the player from doing anything or moving for three rounds.
Pre-condition	The player is sent to jail by landing on a jail tile.
Main Flow	The system shows a message saying the player is now in jail and explaining the rule of jail. The player will be asked if they want to pay bribe to get out of jail If bribe is not paid, the player will remain in jail for three rounds.
Alternative Flows	At 2, if bribe is paid, the player will be allowed to roll dice to go out of jail.
Post- condition	Player will be assigned "in jail" status.

Flow of Events	for the Buy Company use-case
Objective	To buy a branch of the company (represented by a tile)
Pre-condition	The player has rolled a dice and landed on the tile.
Main Flow	1. The system check if the player has already brought the company branch.
	2. The price for the company branch is displayed.
	3. The system ask the player if they want to buy the company branch or not.
	4. The company branch is marked as owned by the player. The player's money is
	deduced.
Alternative	At 1, If the player already owns the company branch, the system displays a message
Flows	and return to the game-play menu.
	At 3, If the player does not have enough money, the system displays a warning and
	return to the game-play menu.
Post-	Player will be able to build servers on the tile if they own every branch of the company.
condition	

Flow of Events	for the Auction Company use-case
Objective	To put a branch of the company (represented by a tile) on auction.
Pre-condition	The player has rolled a dice and landed on the tile.
Main Flow	1. The system check if the player has already brought the company branch.
	2. The player is asked to put a starting price
	3. Any player may put a higher bid within a certain amount of time.
	4. The last bidder when the time is up is the winner
	4. The company branch is marked as owned by the winner. The winner's money is
	deduced.
Alternative	At 1, If the player already owns the company branch, the system displays a message
Flows	and return to the game-play menu.
	At 3, If the bidder enters an amount that is not greater than the current bid, or it is
	exceeding their total money, the bid will not be allowed. The system displays a
	warning, and players are asked to bid again.

Post-	The winner will be able to build servers on the tile if they own every branch of the
condition	company.

Flow of Events	Flow of Events for the Build Servers use-case	
Objective	To build a server on the selected tile.	
Pre-condition	The player has rolled a dice and landed on the property.	
Main Flow	 The system lists every tile the player owns. The player selects one of the tiles. The system prints out how much money and security level it will cost to build a server and ask for confirmation. The player confirms the decision. The number of servers on the selected tile increases by one. 	
Alternative Flows	At 1, If the player does not own any tile. The system displays a warning. Player will return to the game-play menu. At 2, If the selected tile already has 4 servers or a mainframe built onto it. The system displays a warning. Player will return to the game-play menu. At 4, if the player regrets the decision, Player will return to the game-play menu.	
Post- condition	Player will return to the game-play menu.	

Flow of Events	for the Build Mainframe use-case
Objective	To build a mainframe on the selected tile.
	(Note: a mainframe can only be built if there are already 4 servers, and the player
	cannot build more than one mainframe)
Pre-condition	The player has rolled a dice and landed on the property.
Main Flow	The system lists every tile the player owns.
	2. The player select one of the tiles.
	3. The system prints out how much money and security level it will cost to build a
	mainframe and ask for confirmation.
	4. The player confirms the decision.
	5. The number tile now has a mainframe.
Alternative	At 1, If the player does not own any tile. The system displays a warning. Player will
Flows	return to the game-play menu.
	At 2, If player has less than 4 servers already built on the tile, or there is already a
	mainframe, Player will return to the game-play menu.
	At 4, if the player regrets the decision, Player will return to the game-play menu.
Post-	Player will return to the game-play menu.
condition	

Flow of Events for the Lease Property use-case	
Objective	To regain half of the money and security level that has spent of the property, with the
	cost of no longer able to hack other players when they land on it.
Pre-condition	The player has rolled a dice and landed on the property.

Main Flow A	The system list every property (servers or mainframe) the player owns.
	2. The player select one of the properties.
	3. The system display the money and security level the player will regain and ask for
	player's confirmation.
	4. The player confirms the decision.
	5. The tile is marked as "leased".
Alternative	At 1, if the player does not own any property. The system will display a warning. The
Flows	player cannot do anything until next round.
	At 4, if the player regrets the decision, nothing will change. The player can do nothing
	until next round.
Post-	The player gained money and security level. Player will return to the game-play menu.
condition	

Flow of Events	Flow of Events for the Sell Properties use-case	
Objective	To sell properties (server and mainframe) the player owns.	
Pre-condition	The player selected "Sell Properties" in the Game-play Menu.	
Main Flow	The system lists every server the player owns. The player select one of the servers.	
	3. The system prints out how much money and security level the player will gain by selling the server and ask for confirmation.	
	4. The player confirms the decision.	
	5. The number of servers on the selected tile decreases.	
Alternative Flows	At 1, If the player does not own any servers. The system displays a warning. Player will return to the game-play menu.	
	At 4, if the player regrets the decision, Player will return to the game-play menu.	
Poot	The player gained maney and acquirity level but lost the property being cold. Player will	
Post- condition	The player gained money and security level but lost the property being sold. Player will return to the game-play menu.	

Flow of Events for the <i>Trade with Others</i> use-case	
Objective	To allow the player sell any of property they own by making an offer to other players
Pre-condition	The player selected "Trade with Others" in the Game-play Menu.
Main Flow	1. The system list every property (servers or mainframe) the player owns.
	2. The player select one of the properties and enter a price to make an offer.
	3. The system list every other player
	4. The player select a target player to send an offer.
	5. The target player either accept or decline the offer. If the offer is accepted, money is
	transfer to the target player, while the property is transferred to the current player.
Alternative	At 1, If the player doesn't own any property. The system displays a warning. Players
Flows	return to the game-play menu.
	At 2, If the player enters an illegal amount of money (e.g., £-1000). The system
	displays a warning. Player will return to the game-play menu.

	At 4, If the target player declines the offer. Player will return to the game-play menu.
Post-	Player will return to the game-play menu.
condition	

Flow of Events	Flow of Events for the Use Wildcards use-case	
Objective	To allow the player select one type of wildcards to use.	
Pre-condition	The player selected "Use Wildcards" in the Game-play Menu.	
Main Flow	1. The system display five types of wildcards, plus "return to game-play menu" option.	
Alternative	At 1, if the player selects "return to game-play menu" option, the Game-play Menu will	
Flows	display again.	

Flow of Events for the Use Bonus Card use-case	
Objective	To award the player a random amount of money and security value.
Pre-condition	The player selected "Use Bonus Card" in the wildcard's selection menu. The player
	has a Bonus Card.
Main Flow	1. The system generate two random numbers according to pre-set rules, then display
	the numbers.
	2. The player gained the generated amount of money and security value.
Post-	The player gained a random amount of money and security value. Player will return to
condition	the game-play menu.

Flow of Events	Flow of Events for the Use Damage Card use-case	
Objective	To allow the player to attack another player by reducing their money and security	
	value by a random amount.	
Pre-condition	The player selected "Use Damage Card" in the wildcard's selection menu. The player	
	has a Damage Card.	
Main Flow	1. The system list every other player, asking the player to select a target.	
	2. The system generate two random numbers according to pre-set rules, then display	
	the numbers.	
	3. The targeted player lose the generated amount of money and security value.	
Alternative	At 3, the targeted player could lose the game if the randomly generated security value	
Flow	is more than the value they already have.	
Post-	The target player loses money and security value. Player will return to the game-play	
condition	menu.	

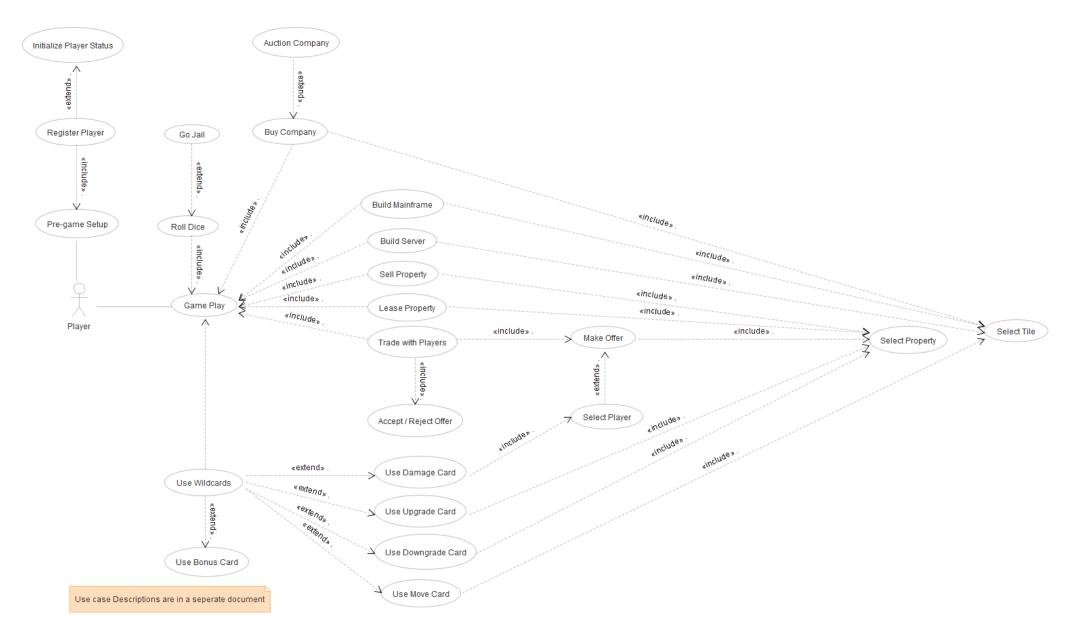
Flow of Events for the Use Upgrade Card use-case	
Objective	To allow the player to build a server or mainframe for free.
Pre-condition	The player selected "Use Upgrade Card" in the wildcard's selection menu. The player has an Upgrade Card.
Main Flow	1. The system list every tile the player owns, asking the player to select.
	2. The server numbers on the tile is added by one. If there are already 4 servers, then

	it is replaced by a mainframe.
Alternative	At 1. If the player owns no tile, the system displays a warning with nothing changed.
Flow	The card is wasted
	At 2. If there is already a mainframe on the tile, the system displays a warning with
	nothing changed. The card is wasted.
Post-	The player gained a server or mainframe for free. Player will return to the game-play
condition	menu.

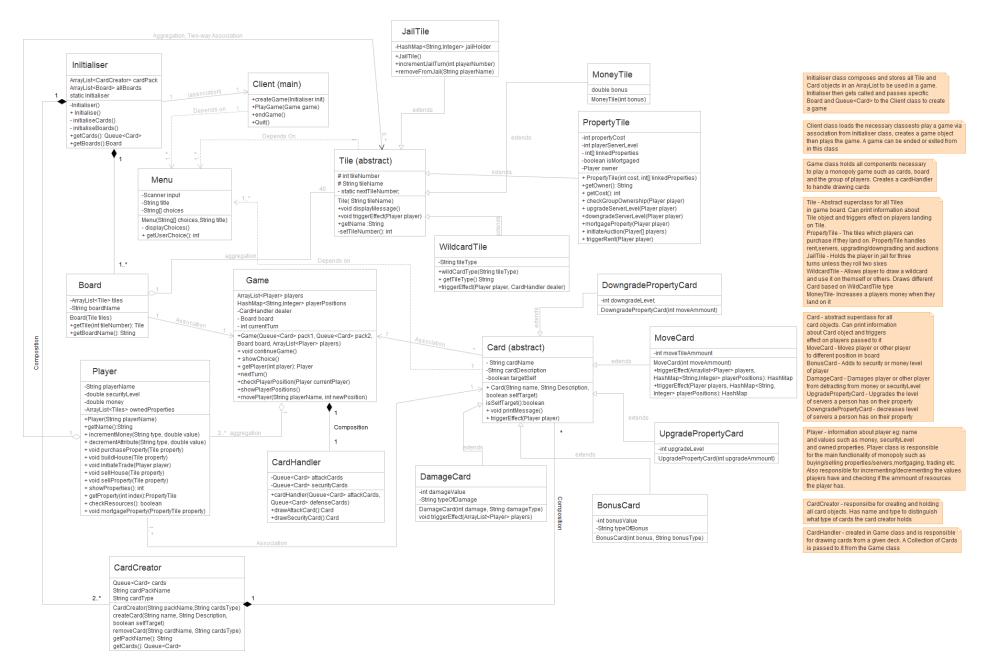
Flow of Events for the Use Downgrade Card use-case								
Objective	To allow the player to attack another player by downgrading their server or mainframe.							
Pre-condition	The player selected "Use Downgrade Card" in the wildcards selection menu The player has a Downgrade Card.							
Main Flow	The system list every other player, asking the player to select a target.							
	2. If the target player has a mainframe, it is downgraded to four servers. Otherwise,							
	the target player will lose one server.							
Post-	The target player loses money and security value. Player will return to the game-play							
condition	menu.							

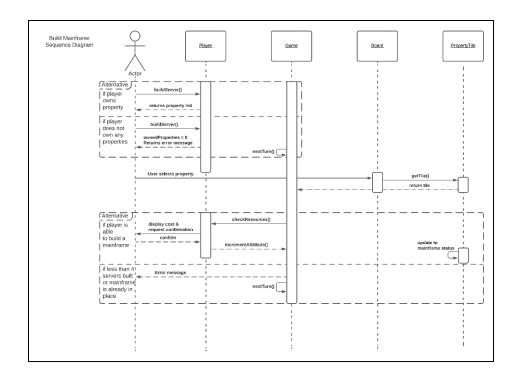
Flow of Events for the Use Move Card use-case								
Objective	To allow the player jump to any tiles.							
Pre-condition	The player selected "Use Move Card" in the wildcard's selection menu. The player ha							
	a Move Card.							
Main Flow	1. The system list every tile on the map, asking the player to select.							
	2. The system display a menu of action the player can perform on the tile. The list is							
	the same as if the player as rolled a dice and landed on the tile.							
Post-	The player is move to the selected tile. The player is ready for actions on the tile.							
condition								

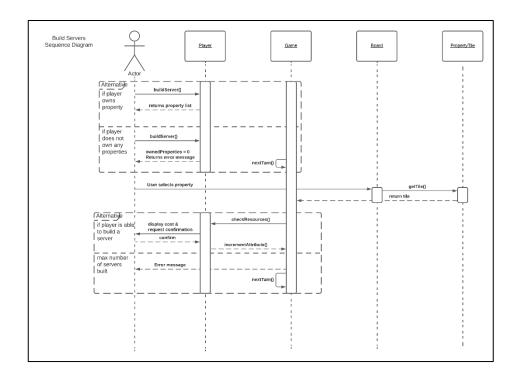
Use Case Diagram

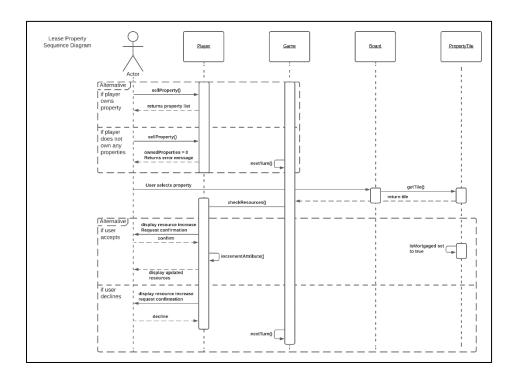


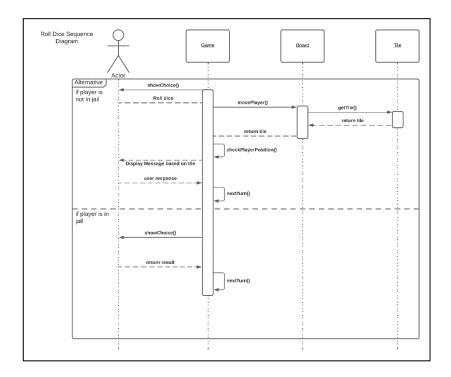
Class Diagram

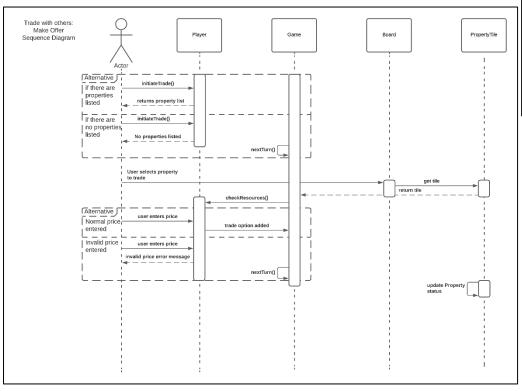


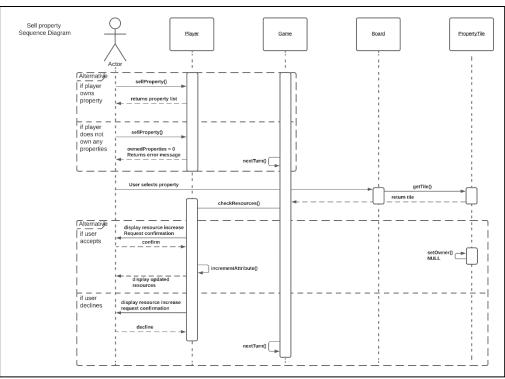


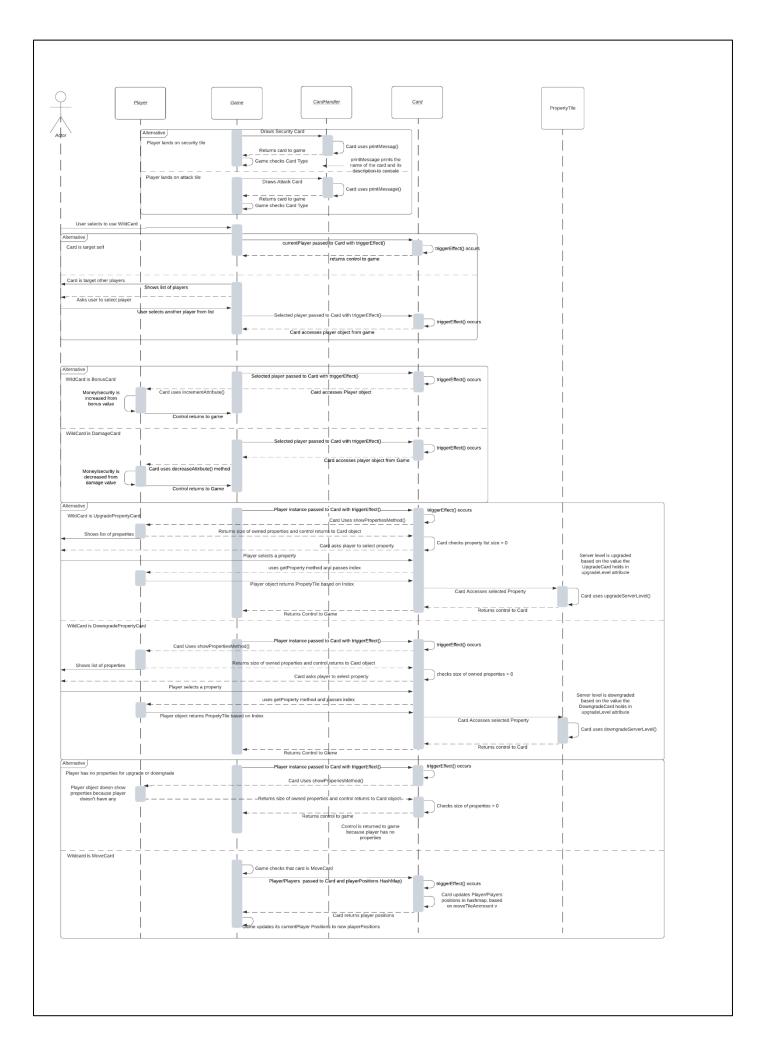












Draft Game Layout

20 PAID PARKING	21 COMPANY TILES	22 COMPANY TILES	23 ROB BANK	24 COMPANY TILES	25 OTHER PROPERTY	26 COMPANY TILES	27 SECURITY	28 COMPANY TILES	29 COMPANY TILES	30 JAIL	31 COMPANY TILES	32 DATA BREACH	33 COMPANY TILES	34 ATTACK!
19 UNIQUE PROPERTY														35 OTHER PROPERTY
18 COMPANY TILES			#											36 COMPANY TILES
17 ATTACK!			出	A	0	K	T	0	P	0	L	Y		37 UNIQUE PROPERTY
16 COMPANY TILES		WILD	3	CARD										38 COMPANY TILES
15 OTHER PROPERTY														39 COMPANY TILES
14 SECURITY	13 COMPANY TILES	12 COMPANY TILES	11 COMPANY TILES	10 GO TO JAIL >>>> IIII	9 COMPANY TILES	8 COMPANY TILES	7 SECURITY	6 COMPANY TILES	5 OTHER PROPERTY	4 COMPANY TILES	3 ATTACK!	2 COMPANY TILES	1 ROB BANK	O START ← FREE PARKING