ESM 1. Risk Characteristics Checklist for Games (RCCG, English language version)

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Application:

The RCCG can be used to capture, describe and evaluate specific structural game characteristics which can be expected to contribute to the overall risk of problematic gaming. The RCCG can be applied to games of different genres, for online and offline games and for mobile games as well as those played on stationary systems.

A) General information

A1. Game title, Publisher	
A2. Test date	
A3. Game version (build)	

A4. Genre	
Main-Genre	Sub-Genre
	○ Card games
	O Puzzle games
	O Board games
○ Brain and Skill	O Quiz games
	○ Skill games
	○ Fitness games
	O Music games

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	O Party games
	O Hidden object games
	○ Game collections
O Sports	○ Sports games
○ Racing	○ Racing games
	Simulation and construction games
	○ Life simulation games
O Simulation	Business simulation games
	Sandbox physics games
	O Flight simulation games
	Action-Adventure games
	Platform games
	Adventure games
O Action and adventure	Action games
	○ Survival games
	Arcade games
	O Beat 'em up games
	○ First-person shooter games
	Third-person shooter games
0.04	○ Shoot 'em up games
O Shooter	MOBA shooter games
	Battle royale shooter games
	○ Survival games
	<u> </u>
O Stratage	O Strategy games
○ Strategy	Real time strategy games
	MOBA strategy
	○ Role playing games
○ Role-playing	Action role playing games
	○ MMORPGs
O No clear assignment to genre possible	Please describe the general game content:

PlayStatio	on XBC	OX NI	intendo	PC/MAC	Mobile	Browser
0	С)	0	0	0	0
6. Platforr	m(s) used for t	this test (mult	iple entries po	ossible)		
PlayStatio	on XBC	OX NI	intendo	PC/MAC	Mobile	Browse
0	С)	0	0	0	0
	content me with no sign ne game conten		ame with onlin		Offline game with	•
Omi			0		online game content	
8. Age	classification	าร				
usk	0+ ○	6+ ○	12+ ○	16+	18+ ○	Not rate
PEGI	3+ ○	7+ ○	12+ ○	16+	18+ ○	Not rate
	0+ ○	10+	13+	17+	18+ ○	Not rate

Pay-to-play

(paid subscription)

0

Buy-to-play

(additional in-game

purchases)

0

Free-to-play

(Freemium Model)

0

Buy-to-play

(no additional in-game

purchases)

0

B) Structural similarities to gambling

B1. Players can purchase randomly or unpredictably ¹ awarded in-game r boxes)	ewards² (e.	g., loot	
 in exchange for real-money stakes or in exchange for virtual value equivalent (e.g., virtual currency), where in exchange for real money. 	hich <u>can³ b</u>	e bought	
This feature is: O included O not included			
Where appropriate, provide further explanation:			
C) Risk-increasing structural game characteristics			
C1. Please state for each of the reward categories ⁴ listed below if they ar game.	e present ii	n the	
State "yes" if a reward category is at least <u>potentially available</u> to a player in any part or stage of the game. Obtainable rewards must also be regarded as available; for instance, they may be obtainable through purchases or further processing of raw materials, resources or materials.			
General	,		
Points (general score, e.g., high score)	O yes	O no	
Awards (e.g., achievements, trophies, badges, or similar)	O yes	O no	
Placements on a ranking list	○ yes	O no	
Collectibles (the objective is usually to find, receive and collect as many of these collectibles as possible)	O yes	O no	
Permanent individual performance/achievement statistics (e.g., number of kills, distance traveled, places discovered / visited, etc.)	O yes	O no	

¹ Explanation of "randomly" or "unpredictably": the decisive factor here is that players cannot precisely predict which rewards they will receive. The impression of unpredictability does not necessarily have to be based on real mathematical randomness.

Rewards are positively experienced game events in which players usually receive or achieve something in a game (see C1 for reference). Rewards do not necessarily imply an advantage for the player's success.
 It's not relevant here, whether the virtual value equivalent can <u>also</u> be acquired without purchases (e.g., through

³ It's not relevant here, whether the virtual value equivalent can <u>also</u> be acquired without purchases (e.g., through game actions or waiting time).

⁴ Reward categories are homogeneous groups of rewards that can be distinguished from one another in terms of their advantages for the players (e.g., different items can be found in the game. With some of these items, such as a stick, knife, axe, and pistol, players can damage other game characters – these are all part of the reward category "weapons".

Experience Points & Levels				
Experience points, or similar (e.g., needed to advance in experience level)	○ yes	O no		
Progression in experience level ⁵ , or similar	○ yes	O no		
Improvement of avatar ⁶ attributes (progression of skills	s) ⁷			
Total capacity of life energy, acceleration of its regeneration, or similar	○ yes	○ no		
Endurance / Condition / Stamina, acceleration of its regeneration, or similar	O yes	O no		
Positive avatar states, or similar (e.g., rested, full, hydrated, happy, awake, in love)	O yes	O no		
Power/ Strength, or similar	O yes	O no		
Dexterity, or similar	O yes	O no		
Intelligence, hacking skills, science skills, or similar	O yes	O no		
Communication, persuasiveness, additional dialogue options, or similar	O yes	O no		
Attack and / or defense, or similar (aim better, more damage per hit, spells, etc.)	O yes	O no		
Armor, damage tolerance, or similar	O yes	O no		
Specific resistance or immunity (e.g., to cold, heat, electricity, radiation, pathogens, or similar)	O yes	○ no		
Locomotion skills or similar (running, sneaking, swimming, diving, driving, riding, flying, climbing, jumping, etc.)	O yes	○ no		
Objects (Items)				
Raw materials, resources, or similar (often not directly usable, often used for possible further processing)	O yes	O no		
Refined raw materials, resources, or similar (e.g., iron extracted from ore and coal)	O yes	O no		
Weapons	O yes	O no		
Improvements for weapons, or similar (e.g., weapon parts, weapon modifications or upgrades, spells for weapons, etc.)	O yes	O no		

⁵ Experience levels are progress systems in which the player can reach higher levels bit by bit. Level systems can differ in terms of other rewards connected to the level (e.g., reinforcement of attributes, unlocking new game modes, unlocking new equipment, etc.).

⁶ The avatar is the main digital representation of the player in the game. It can be human, human-like, an animal, a creature or even an inanimate object (e.g., car, vehicle, etc.). In some games, the player is represented by an "invisible instance" (e.g., commander, god, etc.).

⁷ In some games, these improvements are triggered by receiving other rewards (e.g., a special saddle found in a game improves riding skills).

Ammunition, or similar. (e.g., magazines, cartridges, arrows, bolts, etc.)	O yes	O no
Improvement for ammunition, or similar (e.g., poison for arrows, higher penetration of bullets)	O yes	O no
Tools	O yes	O no
Improvements for tools, or similar (e.g., tool parts, tool modifications or -upgrades, magic spells for tools)	O yes	○ no
Skins (textures, e.g., for weapons, characters or similar)	O yes	○ no
Vehicles / Mounts (e.g., car, truck, motorcycle, aircraft, watercraft, horses, etc.)	O yes	○ no
Improvements for vehicles / mounts (e.g., tuning parts, vehicle modifications, saddles, etc.)	○ yes	○ no
Attributes / capabilities of vehicles / mounts can increase (e.g., speed, performance, strength, endurance etc.)	○ yes	○ no
Animals, creatures, or similar ⁸ (e.g., pets or accompanying animals, no mounts)	O yes	○ no
Additional items for animals, creatures, or similar (Collar, leash, clothing, food, etc.)	O yes	○ no
Attributes / abilities of animals, creatures, or similar can increase (e.g., speed, performance, strength, endurance etc.)	○ yes	○ no
Buildings, houses, apartments, or similar	O yes	○ no
Remedies e.g., potions, medicine, bandages, medical packs, food, drinks etc. (regenerate, restore, revive health)	O yes	O no
Clothes	O yes	O no
Protective equipment / shields (protective shield, armor-plating, body armor, helmet, etc.)	O yes	O no
Equipment or similar (not clothing, not weapons, not tools; e.g., backpack, telescope, compass, camera, sensor, night vision device)	○ yes	○ no
Documents, or similar (e.g., letters, emails, messages, treasure maps, numerical codes)	O yes	O no
Keycards, keys or similar	O yes	O no
Machines, production plants, conveyor belts, etc.	O yes	O no
Building materials and building segments (e.g., cement, wall, door, etc.)	O yes	O no

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 $^{^{8}}$ If new items or skills become available through the acquisition of animals, creatures etc., these should also be checked in the questionnaire.

		1
Food and / or drinks (prevent starvation and / or thirst)	○ yes	O no
Consumable items in order to increase skills for a certain period of time (potions, medication, alcohol, drugs, etc.)	O yes	O no
Consumable items in order to permanently improve/increase skills (e.g., read books to learn skills)	O yes	O no
Furnishings, or similar (e.g., furniture, decoration, etc.)	○ yes	O no
People, groups of people, soldiers, occupational groups, or similar (may or may not be directly controllable, e.g., companions, soldiers, units)	O yes	O no
Additional items for people, groups of people, soldiers, occupational group, or similar (e.g., weapon, clothing, equipment etc.)	O yes	O no
Attributes/ abilities of people, groups of people, soldiers, occupational group, or similar can increase (e.g., damage, speed, performance, strength, endurance)	O yes	○ no
In-game currency		
Virtual money that refers to real currencies (e.g., euros, dollars,)	O yes	○ no
Virtual money that refers to fictional or unspecified currencies (e.g., money, coins, bills, etc.)	O yes	O no
Virtual valuables (e.g., gold, silver, jewels, gemstones, diamonds, pearls, etc.)	○ yes	O no
Virtual valuables (e.g., gold, silver, jewels, gemstones, diamonds, pearls, etc.) Progression in the game unlocks additional features		O no
		○ no
Progression in the game unlocks additional features As the game progresses, additional levels of difficulty can be unlocked (e.g., after the game has been completed, a new level of difficulty is added, or a ranked mode is		_
Progression in the game unlocks additional features As the game progresses, additional levels of difficulty can be unlocked (e.g., after the game has been completed, a new level of difficulty is added, or a ranked mode is available as soon as a certain level of experience is reached, etc.) As the game progresses, additional maps, game areas, dungeons, areas, regions,	O yes	O no
Progression in the game unlocks additional features As the game progresses, additional levels of difficulty can be unlocked (e.g., after the game has been completed, a new level of difficulty is added, or a ranked mode is available as soon as a certain level of experience is reached, etc.) As the game progresses, additional maps, game areas, dungeons, areas, regions, city districts, race tracks, stadium, or arenas can be unlocked As the game progresses, additional areas can be made visible on a game world map	O yes	O no
Progression in the game unlocks additional features As the game progresses, additional levels of difficulty can be unlocked (e.g., after the game has been completed, a new level of difficulty is added, or a ranked mode is available as soon as a certain level of experience is reached, etc.) As the game progresses, additional maps, game areas, dungeons, areas, regions, city districts, race tracks, stadium, or arenas can be unlocked As the game progresses, additional areas can be made visible on a game world map (explore new areas in open world format) As the game progresses, additional tasks, game sections, missions, aims, quests,	O yes O yes yes	O no O no
Progression in the game unlocks additional features As the game progresses, additional levels of difficulty can be unlocked (e.g., after the game has been completed, a new level of difficulty is added, or a ranked mode is available as soon as a certain level of experience is reached, etc.) As the game progresses, additional maps, game areas, dungeons, areas, regions, city districts, race tracks, stadium, or arenas can be unlocked As the game progresses, additional areas can be made visible on a game world map (explore new areas in open world format) As the game progresses, additional tasks, game sections, missions, aims, quests, leagues can be unlocked As the game progresses, additional people, animals, creatures, pets, figures, characters, character classes, or similar can be unlocked (e.g., after a different section of the game, a new character is available, unlocking new champions / heroes,	O yes O yes O yes O yes	o no no no
Progression in the game unlocks additional features As the game progresses, additional levels of difficulty can be unlocked (e.g., after the game has been completed, a new level of difficulty is added, or a ranked mode is available as soon as a certain level of experience is reached, etc.) As the game progresses, additional maps, game areas, dungeons, areas, regions, city districts, race tracks, stadium, or arenas can be unlocked As the game progresses, additional areas can be made visible on a game world map (explore new areas in open world format) As the game progresses, additional tasks, game sections, missions, aims, quests, leagues can be unlocked As the game progresses, additional people, animals, creatures, pets, figures, characters, character classes, or similar can be unlocked (e.g., after a different section of the game, a new character is available, unlocking new champions / heroes,	O yes O yes O yes O yes O yes	o no no no no

3.		
4.		
5.		
6.		
7.		
8.		
8.		
9.		
10.		
Total Number of reward categories (as stated in C1 and C2):	_	
C3. Looting and loot boxes		
Players can randomly or unpredictably ² receive rewards by looting (exploiting, searching) objects, bodies, search locations, etc.	O yes	O no
Players can randomly or unpredictably ² receive rewards by opening loot boxes, treasure chests, card decks, etc.	O yes	O no
C4. Rewards can be lost ⁹ during the game		
Rewards can be lost (e.g., acquired game items, in-game currency, etc.).	O yes	○ no
Players can completely lose at least all rewards of one reward category (e.g., lose all acquired weapons).	O yes	O no
Players can lose practically all rewards achieved in the game (Permadeath).	O yes	O no
C5. Rewards can be lost ⁹ during absence		
During absence, players may miss out on reward opportunities (e.g., daily quest, short-term offers).	O yes	○ no
Rewards can be lost during absence (e.g., acquired game items, in-game currency, etc.).	O yes	O no
During absence, players can completely lose at least all rewards of one reward category (e.g., losing all acquired weapons).	O yes	O no
During absence, players can lose practically all rewards achieved in the game (Permadeath).	O yes	○ no

⁹ Loss is defined by losing a reward without receiving anything in return. This does not include spending game currency, consumption of game goods or lost ranks.

C6. Simulated gambling			
Is gambling simulated anywhere in the game (e.g., poker, blackjack, casino games, slot machines, sports betting, or other existing forms of gambling)? Abstract representations without direct reference to real forms of gambling are not to be included.	O yes	O no	
☐ If yes: Provide clear information about which games of chance are simulated in which way and in what part of the game. Also, consider how strongly gambling is featured in the game compared to nongambling activities.			
C7. In-game purchases			
In-game purchases in exchange for real money are possible.	O yes	O no	
☐ If yes: Provide clear information about the maximum costs that can be spent or a player in the game as a whole (sum of all possible purchases. If purchases condefinitely, state "unlimited").			
C8. Detailed assessment of in-game purchases (only to be completed for possible in-game purchases)	games wit	h	
O Does not apply: In-game purchases are not possible.			
In-game purchases that do not affect game success are possible.	O yes	O no	
☐ If yes: Provide meaningful and complete information about possible purchases and associated costs, the maximum cost for individual purchases, and the maximum amount that can be spent on purchases by one player as a whole.			
In-game purchases that directly or indirectly increase the player's success are possible (e.g., in-game purchases that facilitate progress in the game or help to win fights in the game).	O yes	O no	
If yes: Provide clear information about possible purchases and associated cost for individual purchases, and the maximum amount that can be spent on purch a whole.			

Is it possible to purchase virtual game currency (s) (e.g., euro, dollar, money, coins, gold, silver, jewels, gemstones, diamonds, pearls, etc.)?	○ yes	○ no
☐ If yes: Please provide clear information about possible purchases and associat cost for individual purchases, and the maximum amount that can be spent on p player as a whole.		
Other in-game purchases that cannot be allocated to the points outlined above are possible.	O yes	○ no
☐ If yes: Please provide clear information about possible purchases and associat cost for individual purchases, and the maximum amount that can be spent on p player as a whole.		
C9. Reselling of in-game rewards. At least one reward category can be ex	changed	• !
for virtual game currency or another virtual value equivalent, which can be sold in exchange for real money.	O yes	○ no
for real money (e.g., auction, sell, use as a (game) stake for real monetary gain).	O yes	○ no
C10. Extensive gaming awards	T	T
Do players get awards (achievements, trophies, medals, or similar) that can only be achieved through a particularly long gaming time?	O yes	○ no
☐ If yes: Please provide clear information about which achievements / awards ca conditions have to be met and how much gaming time players are likely to nee achievements.		
C11. Relevance of cooperative social interactions (only to be specified for characterized as an online game or that include an online game mode).	r games th	at can be
O Does not apply: No online game or online game mode.		
Social cooperation is optional. However, all tasks in the game can just as easily be accomplished alone.	O yes	O no
Social cooperation with other players makes it easier to play or fulfill certain game tasks.	O yes	O no
Social cooperation is imperative to complete certain tasks, earn rewards or to advance in the game in a reasonable manner.	○ yes	○ no

D) Harm minimization features

D4 Foodback on wasten the c			
D1. Feedback on gaming time			
Does the game provide feedback on the gaming time or provide warning messages after longer periods of uninterrupted play?	O yes	O no	
☐ If yes: provide clear information about when players receive which form of feedback about their gaming time.			
D2. Information about financial expenses (only to be completed for games	s with poss	sible in-	
game purchases)	·		
O Does not apply: In-game-purchases are not possible.			
Do players receive full disclosure about <u>all</u> financial expenses associated with the game <u>before</u> participating in the game (individual purchase options and maximum possible cash expenses)?	O yes	O no	
☐ If yes: Please provide clear information about all information given to the player	r.		
D3. Education of players about possible risks involved in gaming			
Do players receive information about the possible risk of gaming disorder (loss of control, possible impairments due to excessive spending or neglect of important duties, etc.)?	O yes	O no	
☐ If yes: Please provide clear information about how players are educated and what information they receive.			
D4. Game time limits			
Are there any game time limits 10 set by the provider?	O yes	O no	
☐ If yes: Please provide clear information about how players are restricted in their gaming time.			

 $^{^{10}}$ Examples could be provider-specific upper limits for daily or weekly gaming times or specific times (e.g., at night) at which the game cannot be used.

D5. Self-limitation means		
Does the game provide options to set time or spending limits 11?	○ yes	○ no
☐ If yes: Please provide clear information about which limits can be set.		
D6. Other preventive measures		
Are there any other measures implemented in the game that are not outlined above (C11 to C15) and that might help players to play in a reasonable and healthy manner?	O yes	O no
☐ If yes: Please provide clear information about additional preventive measures.		

Players can set game time limits or financial limits in advance, which can then no longer be exceeded. Furthermore, self-limits can be enabled that block the use of the game for certain days, times of the day, time periods or payment methods. The limits must be definable by the player himself and should not be changeable for a certain time after the definition (Parental Control Systems of the platforms or via third parties are not included in this definition).

Evaluation instruction

I) Recommended age-classification

Games with 1) a structural resemblance to gambling, 2) possible in-game-purchases inappropriately high for minors, 3) a problematic persistent game world structure clearly opposing controlled and healthy gaming behavior, or 4) possible reselling of in-game rewards in exchange for real money have to be regarded as unsuitable for minors (18+).

- 1) A structural resemblance of a game to gambling is fulfilled if criterion B1 is met.
- 2) Inappropriately high in-game purchases is fulfilled if total possible expenditure on one game exceeds 500 Euros or 500 US-Dollars, or is unlimited (C7).
- 3) A persistent game world structure unsuitable for minors is fulfilled if players can lose all rewards in at least one reward category while being absent from the game (C5).
- 4) Possible reselling of in-game-rewards in exchange for real money is fulfilled, if at least one available reward category can be exchanged for real money.

If the game is suitable for minors, it is necessary to check whether other characteristics of the game involve a high risk for specific minor age groups (see table 1, red and yellow markings as well as age recommendations). To derive a recommendation for an age-classification for minors all individual criteria C1 to C11 have to be taken into account. **The strictest single age-recommendation determines the overall age-classification.**

Exemplary explanation of spending money for in-game purchases (C7):

- Age groups "0+ years" and "6+ years": In-game purchases, regardless of amount and design are inappropriate.
- Age group "12+ years": total possible expenditure per player and game must not exceed 100 euros
- Age group "16+ years": total possible expenditure per player and game must not exceed 250

II) General risk assessment for harmful and addictive gaming behavior

The ten criteria (C1 to C11) are used to estimate the general risk potential of the game in relation to the development of dysfunctional and problematic gaming behavior in vulnerable players (see Table 1). Based on all ten single assessments (no risk = 0 points, medium risk = 1 point, high risk = 2 points), a sum score is calculated. Since criteria C1 and C2 are collectively assessed and the number of reward categories, as a primary indicator of the complexity of the reward system, is expected to be of particular relevance for the assessment of the risk potential, this information is double weighted, meaning that a maximum of 4 points can be achieved. Thus, the possible total value ranges between 0 and 22 points. A higher sum score indicates a higher risk of dysfunctional and problematic gaming behavior when vulnerable players use the game. This general risk assessment should also be considered when evaluating the risks involved in a game for a certain age-group or risk-population.

III) Harm minimization features

The six criteria (D1 to D&) are included in the table to provide an overview of risk-minimizing features present in the game. They can be used to make professional judgements about the extent to which the given risk potential of a game is addressed by effective risk-minimizing features.

Table 1. Risk assessment of the game

Risk parameters	No risks	Medium risks	High risks
Number of reward categories (sum of C1 and C2)	up to 9	10 to 19	20 or more
	(0 points)	(2 points)	(4 points)
	0+ years	0+ years	0+ years
	6+ years 12+ years	6+ years	6+ years 12+ years
	16+ years	12+ years 16+ years	16+ years
	18+ years	18+ years	18+ years
Looting, Lootboxes (C3)	Looting is not possible and no loot boxes are available.	Looting is possible <u>or</u> Lootboxes are	Looting is possible <u>and</u> Lootboxes are
		available. ¹²	available. ⁷
	0	0	0
	(0 points)	(1 point)	(2 points)
	0+ years	0+ years	0+ years
	6+ years 12+ years	6+ years 12+ years	6+ years 12+ years
	16+ years	16+ years	16+ years
	18+ years	18+ years	18+ years
Losses of rewards during the game (C4)	No losses or only losses of individual rewards are possible.	Loss of all rewards of at least one reward category is possible.	Permadeath is possible.
	0	0	0
	(0 points)	(1 point)	(2 points)
	0+ years	0+ years	0+ years
	6+ years 12+ years	6+ years 12+ years	6+ years 12+ years
	16+ years	16+ years	16+ years
	18+ years	18+ years	18+ years
Losses of rewards in absence of the player (C5)	No losses or only missed reward opportunities are possible.	Loss of individual rewards is possible.	Loss of all rewards of at least one reward category or permadeath are possible.
	0	0	0
	(0 points)	(1 point)	(2 points)
	0+ years 6+ years 12+ years	0+ years 6+ years 12+ years	0+ years 6+ years 12+ years
	16+ years	16+ years	16+ years
	18+ years	18+ years	18+ years

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 $^{^{12}}$ This differs from the loot boxes assessed in the B criteria.

Risk parameters	No risks	Medium risks	High risks
Simulated gambling (C6)	No simulated gambling.	Gambling is a marginal feature of the game plot (e.g., in the course of the game history, you can take part in a poker game for virtual money).	Gambling is the main feature or exclusive content in the game (e.g., simulated poker games in exchange for virtual money).
	0	0	0
	(0 points)	(1 point)	(2 points)
	0+ years 6+ years 12+ years 16+ years 18+ years	0+ years 6+ years 12+ years 16+ years 18+ years	0+ years 6+ years 12+ years 16+ years 18+ years
In-game purchases (C7)	No in-game purchases.	Total expenditure per player does not exceed 100 €/\$ (12+), does not exceed 250 €/\$ (16+), does not exceed 500 €/\$ (18+).	Total expenditure per player exceeds 500 €/\$ or is unlimited.
	0	0	0
	(2)		
	(0 points)	(1 point)	(2 points)
	0+ years 6+ years 12+ years 16+ years 18+ years	(1 point) 0+ years 6+ years 12+ years 16+ years 18+ years	(2 points) 0+ years 6+ years 12+ years 16+ years 18+ years
Detailed assessment of in-game purchases (C8)	0+ years 6+ years 12+ years 16+ years	0+ years 6+ years 12+ years 16+ years	0+ years 6+ years 12+ years 16+ years
	0+ years 6+ years 12+ years 16+ years 18+ years In-game purchases are not possible.	0+ years 6+ years 12+ years 16+ years 18+ years In-game purchases are possible, not affecting game progression/ success.	0+ years 6+ years 12+ years 16+ years 18+ years In game purchases are possible affecting game progression/success. or Purchase of a virtual game currency or another virtual value equivalent are possible.
	0+ years 6+ years 12+ years 16+ years 18+ years In-game purchases are not possible.	0+ years 6+ years 12+ years 16+ years 18+ years In-game purchases are possible, not affecting game progression/ success.	0+ years 6+ years 12+ years 16+ years 18+ years In game purchases are possible affecting game progression/success. Or Purchase of a virtual game currency or another virtual value equivalent are possible. (2 points)
	0+ years 6+ years 12+ years 16+ years 18+ years In-game purchases are not possible.	0+ years 6+ years 12+ years 16+ years 18+ years In-game purchases are possible, not affecting game progression/ success.	0+ years 6+ years 12+ years 16+ years 18+ years In game purchases are possible affecting game progression/success. or Purchase of a virtual game currency or another virtual value equivalent are possible.

Risk parameters	No risks	Medium risks	High risks	
Reselling of in-game rewards (C9)	No reselling of in-game rewards possible.	At least one available reward category can be exchanged for virtual value equivalent, which can be sold in exchange for real money.	At least one available reward category can be exchanged for real money.	
	0	0	0	
	(0 points)	(1 point)	(2 points)	
	0+ years	0+ years	0+ years	
	6+ years	6+ years	6+ years	
	12+ years	12+ years	12+ years	
	16+ years	16+ years	16+ years	
	18+ years	18+ years	18+ years	
Extensive gaming awards (C10)	Not available.	Achievements for a high amount of repeated player actions are available.	Achievements for particular long gaming times are available.	
	0	0	0	
	(0 points)	(1 point)	(2 points)	
	(0 points) 0+ years	(1 point) 0+ years	(2 points) 0+ years	
	(0 points) 0+ years 6+ years	(1 point)	(2 points) 0+ years 6+ years	
	(0 points) 0+ years 6+ years 12+ years	(1 point) 0+ years 6+ years 12+ years	(2 points) 0+ years 6+ years 12+ years	
	(0 points) 0+ years 6+ years 12+ years 16+ years	(1 point) 0+ years 6+ years 12+ years 16+ years	(2 points) 0+ years 6+ years 12+ years 16+ years	
	(0 points) 0+ years 6+ years 12+ years	(1 point) 0+ years 6+ years 12+ years	(2 points) 0+ years 6+ years 12+ years	
Relevance of cooperative social interactions (C11)	(0 points) 0+ years 6+ years 12+ years 16+ years	(1 point) 0+ years 6+ years 12+ years 16+ years	(2 points) 0+ years 6+ years 12+ years 16+ years	
-	(0 points) 0+ years 6+ years 12+ years 16+ years 18+ years Not possible. or Only optional, in which all tasks in the game can be mastered just as easy alone.	(1 point) 0+ years 6+ years 12+ years 16+ years 18+ years Social interactions with other players make it easier to play or fulfill certain game tasks.	(2 points) 0+ years 6+ years 12+ years 16+ years 18+ years Social interactions are imperative to complete certain tasks, earn certain rewards, or for faster progress in the game.	
<u>-</u>	(0 points) 0+ years 6+ years 12+ years 16+ years 18+ years Not possible. or Only optional, in which all tasks in the game can be mastered just as easy alone. (0 points)	(1 point) 0+ years 6+ years 12+ years 16+ years 18+ years Social interactions with other players make it easier to play or fulfill certain game tasks.	(2 points) 0+ years 6+ years 12+ years 16+ years 18+ years Social interactions are imperative to complete certain tasks, earn certain rewards, or for faster progress in the game. (2 points)	
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Note. Red marking = Based on this individual determination, not suitable for this age group. Yellow marking = Based on this individual determination, possibly not suitable for this age group.

Overall results

I) Recommended	age-classification			
0+ years	6+ years	12+ years	16+ years	18+ years
0	0	0	0	0

II) General risk assessment for dysfunctional and problematic gaming behavior (0 = very low risk to 22 = very high risk)																						
00	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22								22													

III) Harm minimization features	Yes	No
D1) Feedback on gaming time	0	0
D2) Information about financial expenses	0	0
D3) Education of players about possible risks involved in gaming	0	0
D4) Game time limits	0	0
D5) Self-limitation means	0	0
D6) Other preventive measures	0	0