



Use Case Descriptions

UC Reference Name/Number: 1. show all games	
Overview	Shows all games in the system
Related use cases:	N/A
Actors	User
Pre Conditions (Optional)	N/A
Post Conditions (Optional)	N/A

UC Reference Name/Number: 2. buy and install a game	
Overview	Buys and installs a game the user searches
Related use cases:	N/A
Actors	User
Pre Conditions (Optional)	The game exists and is not purchased
Post Conditions (Optional)	Money and memory will be deducted, and a game will be marked installed and bought

UC Reference Name/Number: 3. uninstall a game	
Overview	Uninstalls an installed game the user searches
Related use cases:	N/A
Actors	User
Pre Conditions (Optional)	The game is installed
Post Conditions (Optional)	Game.getInstalled() will now return false

UC Reference Name/Number: 4. search games	
Overview	Search games in the system based on user' s input
Related use cases:	8, 9, 10, 11
Actors	User
Pre Conditions (Optional)	N/A
Post Conditions (Optional)	N/A

UC Reference Name/Number: 5. rate a game	
Overview	Rate a game in the system
Related use cases:	N/A
Actors	User
Pre Conditions (Optional)	The game exists and the rating is legal
Post Conditions (Optional)	The rating of the game will be changed based on the new rating

UC Reference Name/Number: 6. show remaining memory	
Overview	Show remaining memory
Related use cases:	N/A
Actors	User
Pre Conditions (Optional)	N/A
Post Conditions (Optional)	N/A

UC Reference Name/Number: 7. show remaining money	
Overview	Show remainig money
Related use cases:	N/A
Actors	User
Pre Conditions (Optional)	N/A
Post Conditions (Optional)	N/A

UC Reference Name/Number: 8. search by name	
Overview	Search games by their names
Related use cases:	4
Actors	User
Pre Conditions (Optional)	4 is done
Post Conditions (Optional)	N/A

UC Reference Name/Number: 9. search by category	
Overview	Search games by their categories
Related use cases:	4
Actors	User
Pre Conditions (Optional)	4 is done
Post Conditions (Optional)	N/A

UC Reference Name/Number: 10. search by developer team	
Overview	Search games by their developer teams
Related use cases:	4
Actors	User
Pre Conditions (Optional)	4 is done
Post Conditions (Optional)	N/A

UC Reference Name/Number: 11. search by installed	
Overview	Search games based on their installation status
Related use cases:	4
Actors	User
Pre Conditions (Optional)	4 is done
Post Conditions (Optional)	N/A