|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Method Name | HTTP Method | Parameters | Returns | Explanation |
| 1 | GetAllQuestions | GET | - | {  success:boolean, msg:string,  questions:  [{id, question},…]  } | Return all the security question that user can select from in registration. |
| 2 | Trending5 | GET | - | {  success:boolean, msg:string,  games: [{id,title, posterURL,  price}, …]  } | Return the 5 most trending games |
| 3 | Register | POST | body: {  info: {username, password, ..},  favCategories:[],  questions:[],  answers:[]  } | {  success:boolean, msg:string  } | Register new user.  Parameters: info is an object that has all the user info (username, password, firstname, ..)  favCategories is an array includes id’s for the user favorite categories.  questions is an array includes id’s for sequrity question that user choose to answer.  answers: is an array includes the answers for the security questions |
| 4 | GetUserSecurityQuestions | POST | body:{username} | {  success:boolean, msg:string,  questions:  [{id, question},…]  } | Return the id’s and the questions themselves which the user answered them in registration |
| 5 | GetPassword | POST | body:{  username,  questions: [],  answers: []  } | {  success:boolean, msg:string,  password: string  } | Return the user’s password.  Parameters are username.  questions: array for the security questions id’s.  answers: array for the answers of the security questions |
| 6 | Login | POST | body: {  username,  password  } | {  success:boolean, msg:string,  firstname: string,  lastname: string  } | Login existing user  Parameters are username and password. In case of success returns the user’s first and last names |
| 7 | NewGames | GET | - | {  success:boolean, msg:string,  games: [{id, title, releaseDate, posterURL, price}, …]  } | Return new games from last month.  In case of success, the games array includes some information about the games including game id, title, release date, the poster URL of the game and game price |
| 8 | GetGamesByCategory | GET | Id | {  success:boolean, msg:string,  games: [{id, title, posterURL, price}, …]  } | Return all the games in the specified category (category is a game platform).  Parameters are the platform id.  In case of success, the games array includes some information about the games including game id, title, the poster URL of the game and game price |
| 9 | SearchByName | GET | Name | {  success:boolean, msg:string,  games: [{id, title, posterURL, price}, …]  } | Return games that completely or partly match the specified game name. |
| 10 | SearchByCompanyName | GET | Name | {  success:boolean, msg:string,  games: [{id, title, posterURL,  publisher,  price}, …]  } | Return all the games that their company (publisher) name match completely or partly the specified company name. |
| 11 | GetGame | GET | Id | {  success:boolean, msg:string,  game: {id, title, platformId, releaseDate, overview, posterURL, esrb,  publisher,  price, stockAmount, genres: []}  } | Return all the information for the specific game including game id, game title, platform id, release date, overview, game poster URL, publisher name, game price, stock amount and an array of genres that the game belongs to. |
| 12 | GetRecommendedGames | POST | body:{username} | {  success:boolean, msg:string,  games: [{id, title, posterURL,  publisher,  price}, …]  } | Return an array of games that are recommended for the user based on previous games he had purchased. The recommendation is about the games’ genres |
| 13 | GetUserOrders | POST | body:{username} | {  success:boolean, msg:string,  orders: [{id, orderDate, totalAmount}, …]  } | Return all the orders the user has made. Returns an array of orders, that includes order id, order date and total price of the order. |
| 14 | GetUserOrder | POST | body:{  username, orderId  } | {  success:boolean, msg:string,  order: {id, orderDate, shipmentDate, currency, totalAmount}  } | Return all the information about the specific order for the user.  Order information includes order id, order date, shipment date, currency and total price of the order. |
| 15 | MakeOrder | POST | body: {  username,  products: [{gameId, quantity}, …],  shippingDay,  currency  } | {  success:boolean, msg:string,  order: {id, products: [], shippingDay, currency, totalAmount}  } | Make new order.  Parameters are username, array of products that include for each product: game id and required quantity of the game, shipping date and currency. |