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| **Request : 16** | **Start Quiz** | | | |
| Direction: | Outgoing request to the server to start quiz, a return massage will arrive from the DB with the relevant requested questions | | | |
| Input Parameters: | Field | Field Type | Mandatory? | comment |
| Request Id: | Number | Mandatory |  |
| User id: | Number | Mandatory |  |
| Game id: | Number | Mandatory |  |
| Item id: | Number | Mandatory |  |
| Replay: | Quiz ID | Number | Mandatory |  |
| Question number x5 | number | Mandatory |  |
|  | Question text x5 | Long text / Arabic | Mandatory | Get 5 Questions regarding the item and  their answers (each question 4 possible  answers) |
|  | Answer number x20 | Number | Mandatory |  |
|  | Answer text x20 | Long text / Arabic | Mandatory |  |
|  | Answer type x20 | Boolean | Mandatory |  |
|  | User’s previous score | Number | Mandatory |  |
| **Request : 17** | **Question answer** | | | |
| Direction: | Server request  The selected answer that was answered by the user, and the question answered on.  We want to save the newly updated information about the user’s choice and the question answered on to the database. | | | |
| Input Parameters: | Field | Field Type | Mandatory? | Comment |
| Request Id: | Number | Mandatory |  |
| User id: | Number | Mandatory |  |
| item id: | Number | Mandatory |  |
| Ques number | Number | Mandatory |  |
| Q choice number | Number | Mandatory | {1,2,3,4} |
|  | Quiz id |  | Mandatory | Quiz set of 5 questions, regarding the item |
| Replay : | Result |  | Mandatory | 1-success  0-failure |
| **Request : 18** | **Finish quiz** | | | |
| Direction: | Finishing quiz, this is used to update the data base with the user’s info and score after taking the quiz | | | |
| Input Parameters: | Field | Field Type | Mandatory? | Comment |
| Request Id: | Number | Mandatory |  |
| User id: | Number | Mandatory |  |
| Item id: | Number | Mandatory |  |
| Quiz ID | Number | Mandatory |  |
|  | User’s score: | Number | Mandatory | {1,2,3,4,5 }  How many correct answers:  Answer types of Q Choice numbers =1 |
| Replay | Result | Boolean | Mandatory | 1-success  0-failure |

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| **Request : 19** | **Leaderboard** | | | |
| Direction: | Server request  The all time leaderboard between users and their scores | | | |
| Input Parameters: | Field | Field Type | Mandatory? | Comment |
| Request Id: | Number | Mandatory |  |
| User id: | Number | optional |  |
| Replay: | List of top 10 users :  User rank | Number | Yes | 1-highest score  2-second highest score  …etc. |
| First name | Text / English | If exist |  |
| Last name | Text / English | If exist |  |
| Score | Number | Yes | Sum of all user’s scores in quizzes |

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| **Request : 20** | **Adding questions** | | | |
| Direction: | Server request  We send the server a massage containing the new question to be added to the question’s database | | | |
| Input Parameters: | Field | Field Type | Mandatory? | Comment |
| Request Id: | Number | Mandatory |  |
| Adding User id: | Number | Mandatory |  |
| Question id: | Number | Mandatory |  |
| Question text: | Long Text | Mandatory |  |
| Answer number x4 | Number | Mandatory |  |
| Answer text x4 | Long Text / Arabic | Mandatory |  |
| Answer type x4 | Boolean | Mandatory | 1 – correct  0 – incorrect |
| Item id: | Number | Mandatory |  |
| Replay : | Result | Boolean | Mandatory | 1-success  0-failure |

