Word APIs

/word

Insert a new word

|  |  |
| --- | --- |
| URL | /word |
| Method | POST |
| URL Params | None |
| Request Body | {  "wordId": 1,  "word": "apple"  } |

Get a word by Id

|  |  |
| --- | --- |
| URL | /word /{id} |
| Method | POST |
| URL Params | Id – id of the word to be found |
| Example response | {  "wordId": 1,  "word": "apple"  } |

Update a word

|  |  |
| --- | --- |
| URL | /word |
| Method | PUT |
| URL Params | Input |
| Request Body | {  "wordId": 1,  "word": "air"  } |

Delete a word

|  |  |
| --- | --- |
| URL | /word/{id} |
| Method | DELETE |
| URL Params | Id- id of the word to be deleted |

Game API

Create a new Game

|  |  |
| --- | --- |
| URL | /game/getGameId |
| Method | GET |
| URL Params | None |
| Example response | {  "gameId":"20fefc5b-897f-4ab3-ae12-920987f50149",  "wordId":5,"wordSize":8,"startTime":1516946782070,"lastUpdatedTime":null,"numberOfGamesWon":0,"numberOfGamesLost":0,"numberOfWrongGuess":0,"lettersGuessedCorrectly":[],"lettersGuessedIncorrectly":[],"wordGuessed":"\_\_\_\_\_\_\_\_"} |

Guess a character of a word in a game

|  |  |
| --- | --- |
| URL | /game/{id}/guess/{guessChar} |
| Method | GET |
| URL Params | Id – game id  guessChar – character to be guessed |
| Example response | {"gameId":"20fefc5b-897f-4ab3-ae12-920987f50149","wordId":5,"wordSize":8,"startTime":1516946782070,"lastUpdatedTime":1516946850419,"numberOfGamesWon":0,"numberOfGamesLost":0,"numberOfWrongGuess":1,"lettersGuessedCorrectly":["a"],"lettersGuessedIncorrectly":["c"],"wordGuessed":"aa\_\_\_a\_\_"} |

Get a newWord for the Game

|  |  |
| --- | --- |
| URL | /game/{id}/newWord |
| Method | GET |
| URL Params | Id – current game id |
| Example response | {"gameId":"20fefc5b-897f-4ab3-ae12-920987f50149","wordId":2,"wordSize":2,"startTime":1516946782070,"lastUpdatedTime":1516946988571,"numberOfGamesWon":0,"numberOfGamesLost":1,"numberOfWrongGuess":0,"lettersGuessedCorrectly":[],"lettersGuessedIncorrectly":[],"wordGuessed":"\_\_"} |

Future Implementation:

Get all Game records

Get all Word records