|  |  |
| --- | --- |
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|  |  |
| --- | --- |
|  |  |

|  |  |
| --- | --- |
| 0 | System  Flashcards |
| Maths tool and flashcard system.  Statistics  Equation result | |

Tool request

Answer, Rating

Deck/card name

Equation

New Card data

|  |  |
| --- | --- |
| 2 | Add/Edit Card |
| Creates new card, or edits existing card. | |

Deck/card names, user rating , answer

New Card Data, existing card id

New Card Data

Existing data

Edit request

|  |  |
| --- | --- |
| 1 | Choose tool  Run request |
| Decides what part of the program the user wants. | |

|  |  |
| --- | --- |
| 3 | Run Flashcard |
| Automatically creates a new card of the correct type, or displays an existing one. | |

Flashcard request, Generated flashcard, user rating , other rating, answer

User

Tool request,

View request

|  |  |
| --- | --- |
| D1 | Flashcard/achievement Database |

|  |  |
| --- | --- |
| 6 | Show Result |
| Shows the result of the tool. | |

|  |  |
| --- | --- |
| 5 | Maths tools |
| Runs the correct non-flashcard maths tool | |

|  |  |
| --- | --- |
| 4 | Get statistics/cards |
| Gathers the specific deck/cards to display, or deck statistics, overall statistics and achievements. | |

|  |  |
| --- | --- |
| 7 | Show Statistics |
| Displays the achievement progress and statistics. | |

|  |  |
| --- | --- |
| 8 | Display Cards |
| Shows the correct cards or data onto the screen. | |

Statistics

Equation result

Flashcards

Deck statistics

One+ flashcards data

Equation result

Deck/card Name

Equation

Tool request

User

|  |  |
| --- | --- |
| 0 | System  Flashcards |
| Brainscape flashcard system.  Statistics | |

Answer, Rating

New Card data

Run/create/view

Deck/card name

|  |  |
| --- | --- |
| 2 | Add/Edit Card |
| Creates new card, or edits existing card. | |

Deck/card name, user rating , answer

New Card Data, existing card id

New Card Data

Existing data

Edit request

|  |  |
| --- | --- |
| 1 | Choose Method  Run request |
| Decides what the user wants the program to do. | |

|  |  |
| --- | --- |
| 3 | Run Flashcard |
| Decides which flashcard to display next. | |

Flashcard request, user rating

User

Run/Create/

view

view

|  |  |
| --- | --- |
| D1 | Flashcard/achievement Database |

|  |  |
| --- | --- |
| 5 | Show Statistics |
| Displays the achievement progress and statistics. | |

|  |  |
| --- | --- |
| 6 | Display Cards |
| Shows the correct cards or data onto the screen. | |

View request

Statistics

Flashcards

Deck statistics

One+ flashcards data

User

Deck/card Name

|  |  |
| --- | --- |
| 4 | Get statistics/cards |
| Gathers the specific deck/cards to display, or overall statistics and achievements. | |