Endpoints Reference

Messages

Json Format

{
   "id" : int,
   "message" : "string",
   "timestamp": "DateTime"
}

Endpoint	Method	Behavior
/rest/messages/all	Get	Returns all messages in database
/rest/messages/allOrdered	Get	Returns all messages ordered by newest to oldest
/rest/messages/getRecent TenMessages	Get	Returns most recent ten messages
/rest/messages/add **RequestBody: String message**	Post	Takes message from the request body and inserts into the database. It then returns the ten most recent messages.

Decks

Json format

{
   "id" : int,
   "name" : "string",
   "description": "string"
}

Endpoint	Method	Behavior
/rest/decks/all	Get	Returns all decks in the database.
/rest/decks/allOrdered?limit={limit}	Get	Returns all decks in the database ordered alphabetically by name. @Param limit: the number of decks to be returned, default value is ten.
/rest/decks/add **RequestBody:** **{** **"name" : "string",** **"description" : "string"** **}**	Post	Takes "name" and "description" from the RequestBody and creates a new Deck in the Database. Returns the ID of the newly created deck.

Cards

Json format

{
    "id" : int,
    "term" : "string",
    "definition": "string",
    "deck_idDeck": int,
    "step": int,
    "Due_date" : dateTime
}

Endpoint	Method	Behavior
/rest/cards/all	Get	Returns all cards in the database.
/rest/cards/cardsFromDeck?id_deck={id_deck}	Get	Returns all cards in the database from deck, id_deck.
/rest/cards/orderedStep?id_deck={id_deck}	Get	Returns all the cards in the deck ordered descending by step.
/rest/cards/addCard **RequestBody:** **{** **"term" : "string",** **"definition" : "string"** **"deckId" : int** **}**	Post	Takes term, description, and deck id from the RequestBody to make a new Card in the database. Returns all cards from this deck after insert.