

# **CS 326: HTTP Request/Server**

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## HTTP Requests

GET /items/:itemid

Does: Returns the item with :itemid.

Replaces: getItem(itemId) in the old server

Updates: Does not update the database

Who is authorized: The current user has permission to get all Items in his feed

GET /profile/:userid

Does: Returns the profile for user with :userid.

Replaces: getUserProfile(userId)

Updates: Does not update the database

Who is authorized: Every user has access to their own profile

GET /user/:userid/feed

Does: Returns the feed of the user with id :userid.

Replaces: getFeedData(user, cb)

Updates: Does not update the database

Who is authorized: Every user has access to their own feed

POST /upload/:userid [item]

Summary: Where [item] is a JSON object describing a new item for sale where :userid is the vendor of that item.

Does: Uploads an [item] Replaces: This was a bug in the old submission

Updates: The item list in the database

Who is authorized: Every user has access to upload their own items

PUT/users/:userid/feeds/items/:itemid/like

Summary: Current user has their ID pushed on to the item's likeCounter with id :itemid.

Does: Adds the user's id to the likeCounter

Replaces: likeItem(itemId, userId)

Updates: the likeCounter array for the specified item in the database

Who is authorized: Every logged in user is authorized to like an item

PUT /users/:userid/feeds/items/:itemid/dislike

Summary: Current user has their ID pushed on to the item's dislikeCounter with id :itemid.

Does: Remove user's id from the likeCounter

Replaces:

Updates: the likeCounter array for the specified item in the database

Who is authorized: Every logged in user is authorized to like an item

PUT /users/:userid/messages

Summary: Sends a message which gets logged by both the sender and receiver

Does:

Replaces:

Updates:

Who is authorized:

GET /user/:userid/pm

Summary: Returns the productManager of a user with :userid with all their items for sale.

Does:

Replaces:

Updates:

Who is authorized:

GET /users/:userid/messages

Does: Returns a list of all the messages for a particular user

Replaces:

Updates:

Who is authorized:

DELETE /user/:userid/pm/item/:itemid

Summary: Item with :itemid is deleted from user with :userid productManager as it has been sold or removed by user. Also removes the item from all other feeds as it is no longer for sale.

Does: Deletes an item

Replaces: removeItem

Updates: the items that the user owns

Who is authorized: Every user is authorized to remove their own items

POST /resetdb

Summary: Resets database on application.

Does: resets the database

Replaces: Reset server functionality

Updates: To the original database

Who is authorized: Developer feature

## Special Server Setup Procedure

We do not have any advanced features that require additional setup.

## Individual Contributions

Daanial Ahmed contributed to the Upload component.

Richard Cui contributed to the Chat component.

Roman Ganchin contributed to the Trending, Category, Item, and Report components.

Gahyun (Susie) Kim implemented the error banner for server issues and fixed the button on uploaditem to allow the user to select a file.

Greg McGrath contributed to the Feed and item components.

Francis Phan contributed to the ProductManager and Item components, the dummy database, and linking and routing all of the components into one application.

## Lingering Bugs/Issues/Dropped Features

- The user sees all items in trending and not only the items in his own feed.
- When clicking an item from trending the functionality works as expected but the url does not change and stays on initial clicked item.