CS 326: Adding a Database

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Professor Tim Richards

Daanial Ahmed, Richard Cui, Roman Ganchin,
Gahyun (Susie) Kim, Greg McGrath, Francis Phan

Special Server Setup Procedure

Setup Procedure

No additional setup is required besides npm install and node src/server.js.

Testing Feature

None, no advanced features were set up.

Individual Contributions

Daanial Ahmed

- **Feature**: uploadItem

- **HTTP Route**: POST /upload/:userid

    - Added helper function postItem in server.js to assist with MongoDB
    - URL for photos are functional
    - Updated dependencies
    - Made changes in CSS for upload component

Francis Phan

- **Feature**: Product Manager, getFeedData

- **HTTP Route**: POST /upload/:userid, DELETE /user/:userid/pm/items/:itemid, GET /user/:userid/pm

    - Implemented getProductManager helper function to accommodate MongoDB
    - Added databse error handling when something could not be found
    - Helped with getFeedData and uploadItem

Greg McGrath

- **Feature**: getFeed, getItem

- **HTTP Route**: GET /items/:itemid, GET /user/:userid/feed

    - Fixed getUserIdFromToken to work with MongoDB
    - Fixed app.get(/user/:userid/feed) for feed
    - Changed getItem to work with MongoDB
    - Changed app.get(/items/:itemid) for get item
    - Implemented likeItem to work with MongoDB

Gahyun (Susie) Kim

- **Feature**: getUserProfile

- **HTTP Route**: GET /profile/:userid

    - Added MongoDB and Express to server node_modules
    - Changed mock databse IDs to MongoDB ObjectIDs
    - Changed Integer type to String in schema, changed token
    - Stringified app.js, feed, chat, item, sendchat, and upload
    - Implemented helper function getUserProfile to use MongoDB for user profile data retrieval

Roman Ganchin

- **Feature**: getCategories, dislikeItem

- **HTTP Route**: PUT /users/:userid/feeds/items/:itemid/dislike, GET /users/:userid/feeds/categories

    - Updated getCategorySync to work with MongoDb
    - app.get(/users/:userid/feeds/categories) changed http GET request for categories
    - Stringified trending.js in client
    - Made resolveUserObjects for likeItem and dislikeItem to work with MongoDB
    - Implemented dislikeItem to work with MongoDB

Richard Cui

- **Feature**: getMessages, sendMessages

- **HTTP Route**: POST /users/:userid/messages, GET /users/:userid/messages

    - Implemented chat feature with MongoDB
    - Created JSON schemas

Lingering Bugs/Issues/Dropped Features

Bugs/Issues

- Chat feature still under development due to complexities with server.