# FantasyStock

FantasyStock is a web application made to let individuals unfamiliar with the stock market gain familiarity in a risk free, gamified manner, that also allows them to connect with like minded people. We give users the ability to gain familiarity with the stock market which helps the user make educated and familiar decisions with their money.

Project Manager: Jonah Lozano

- Created SRS & SDD
- Managed Project Timeline and Goals
- Oversaw the whole project and assisted all roles
- Helped with direction of project
- Reviewed & merged all pull requests
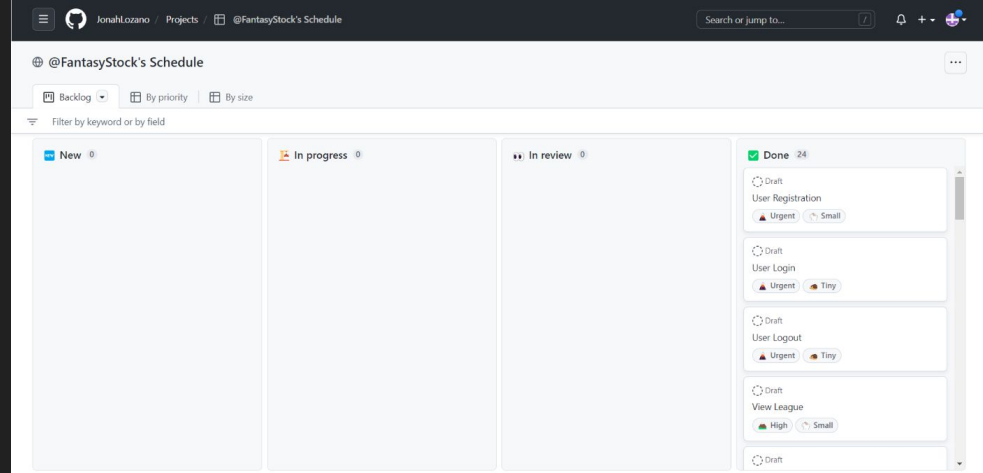
Roles & How We Got To Our Final Product

Frontend: Robert Mawhinney

Backend: Luis Valencia

UI/UX Designer: Dustin Vang

Quality Assurance Tester: Jaspinder Singh

Quality Assurance Tester: Quan Nguyen

Project Manager: Jonah Lozano

FantasyStock

csci

Special Thanks:

Project Manager: Jonah Lozano

Frontend: Robert Mawhinney

Backend: Luis Valencia

UI/UX: Dustin Vang

Quality Assurance: Quan Nguyen

Tester: Jaspinder Singh
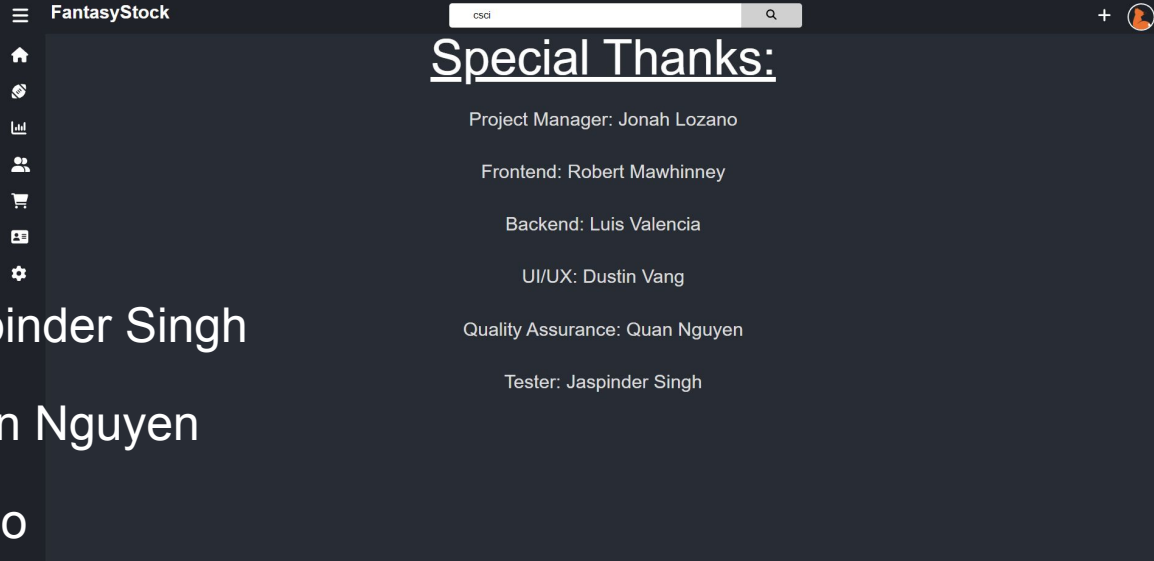
Backend: Luis Valencia

- Schemas for the MongoDB

- Input Data Validation / Sanitation

- Ensured input data was properly stored / used

- Fixed many Issues reported by our Quality assurance Testers

```javascript
router.patch("/edit", isLoggedIn, jsonParser, async (req, res) => {
    const user = await User.findById(req.user._id);

    // first trim username & bio inputs to get rid of whitespace
    req.body.username = req.body.username.trim();
    req.body.bio = req.body.bio.trim();

    // data validation for 'username', 'bio', and 'activeIcon' attributes
    if (
        req.body.username === undefined || // username must be defined
        req.body.username.length > 32 || // username must be less than or equal to 32 chars
        req.body.username.length < 1 || // username must be more than or equal to 1 char
        typeof req.body.username !== "string" || // username must be a string
        req.body.bio.length > 300 || // bio must be less than or equal to 300 chars
        req.body.bio.length < 1 || // bio must be more than or equal to 1 char
        req.body.bio === undefined || // bio must be defined
        typeof req.body.bio !== "string" || // bio must be a string
        req.body.activeIcon === undefined || // activeIcon must be defined
        typeof req.body.activeIcon !== "string" || // activeIcon must be a string
        !user.icons.includes(req.body.activeIcon)
    ) {
        // activeIcon requested to switch must be owned by user already
        console.log("Edit failed due to input errors");
        res.send({ created: false });
        return;
    }
```

```javascript
const LeagueSchema = new Schema(
    {
        host: {
            type: Schema.Types.ObjectId,
            ref: "User",
            required: true,
        },
        title: { type: String, required: true, text: true },
        players: [
```

Friend Request by a Deleted User Makes Friends Page Blank
#101 by Jaspinder00 was closed 9 days ago

Users Can Send Friend Requests to Each Other
#99 by Jaspinder00 was closed 9 days ago

Edits Are No Longer Being Applied to User Profile
#98 by Jaspinder00 was closed 10 days ago

Can No Longer Add Friends by Their ID
#96 by Jaspinder00 was closed 10 days ago

Users Can Delete Leagues by Commenting on Them and Then Deleting Their Account #106

Closed · Jaspinder00 opened this issue 8 days ago · 2 comments

Jaspinder00 commented 8 days ago

From my testing, commit 258bca2 seems to have fixed users that join a league and delete their account. But as mentioned in issue #93, users can still just leave a comment on a league and delete their account to make the league appear blank to everyone.

To reproduce:

1. Have User A create a league
2. User B comments or replies on that league
3. User B deletes their account
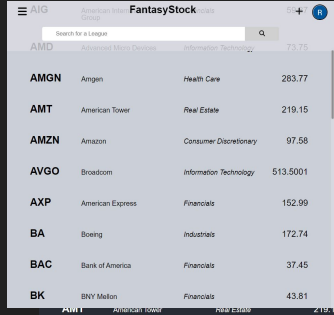4. The league created by User A appears blank to everyone

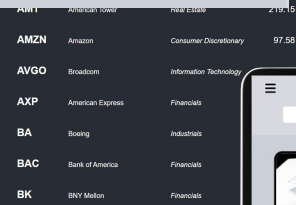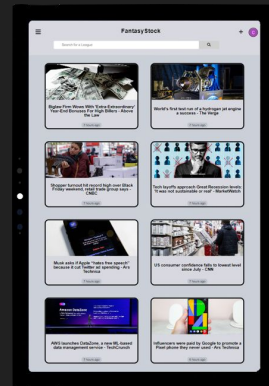lvcodes3 commented 8 days ago · Contributor

In progress.

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
No branches or pull requests
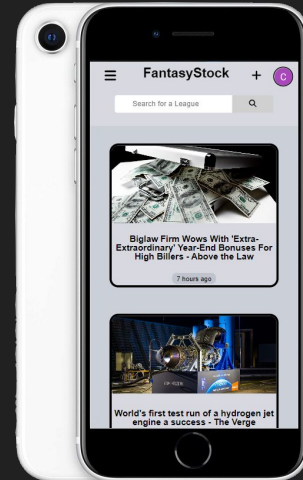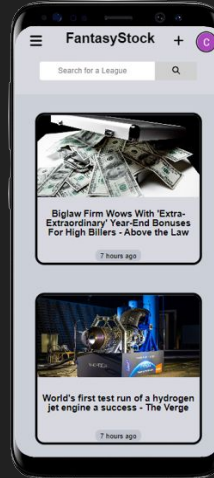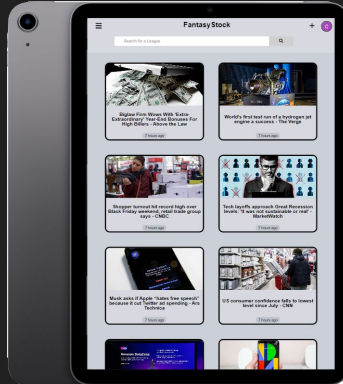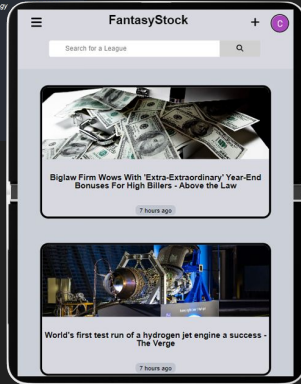
Frontend: Robert Mawhinney

- Modified CSS to style the elements of the dynamic page, including dark and light mode
- Tweaked JavaScript to access HTML easier
- Employed media query and flex architecture to make site more uniform across desktop and mobile platforms
- Troubleshooting on responsive design across devices
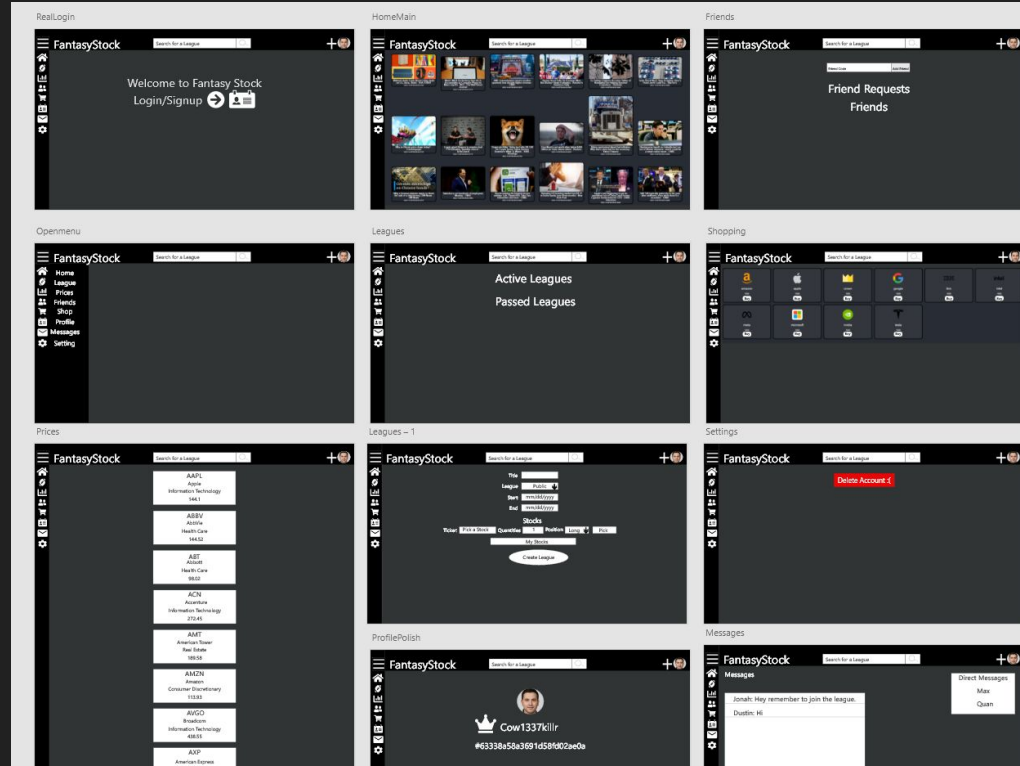
UI/UX Designer: Dustin Vang

Helped create flowchart and layout of website through Adobe XD

- Expanded on Project Manager Jonah already create website.
- Login, Home, Expanded Home Tab, Friends, League, Create League, Shop, Setting, Prices

Inform each page on the website and explain what every user can do
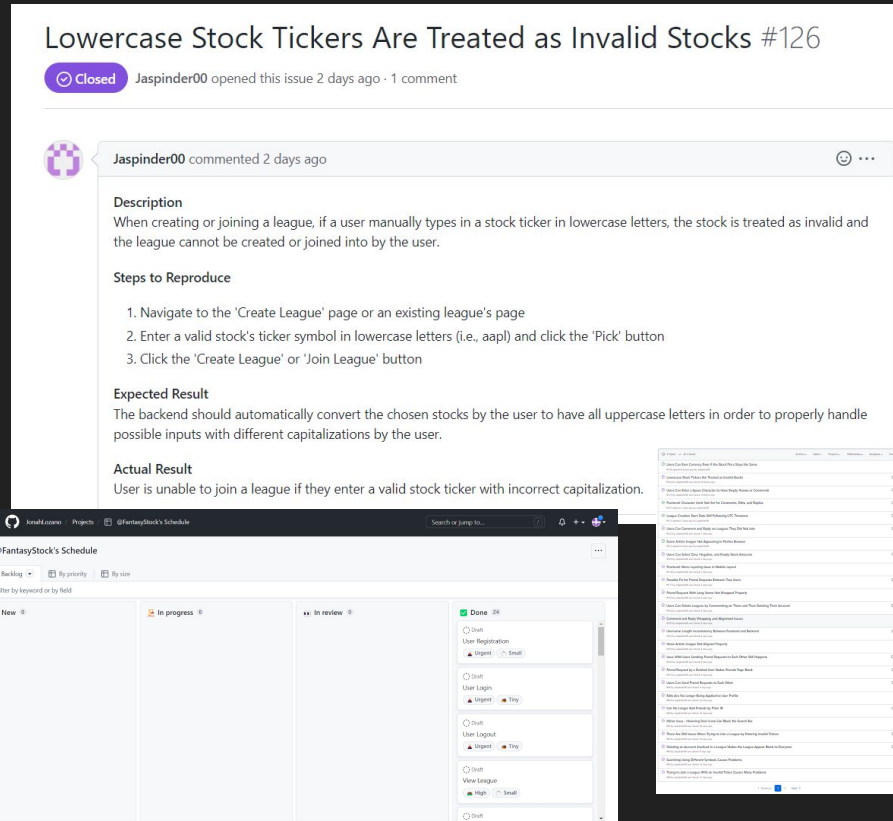
Challenges
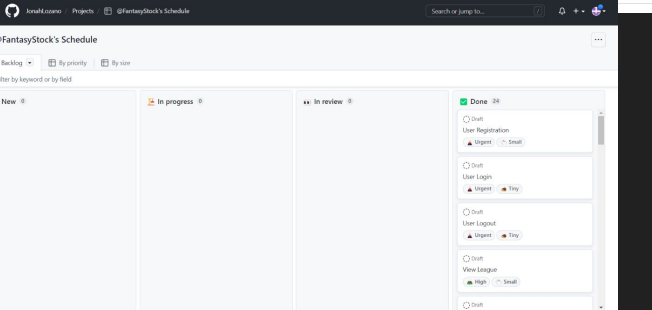
- Layout and appealing

Quality Assurance Tester: Jaspinder Singh

- Functional Requirements

- Projects tab

- Code Review

- Issues/Reports

Lowercase Stock Tickers Are Treated as Invalid Stocks #126

Closed   Jaspinder00 opened this issue 2 days ago · 1 comment

Jaspinder00 commented 2 days ago

Description
When creating or joining a league, if a user manually types in a stock ticker in lowercase letters, the stock is treated as invalid and the league cannot be created or joined into by the user.

Steps to Reproduce

1. Navigate to the 'Create League' page or an existing league's page
2. Enter a valid stock's ticker symbol in lowercase letters (i.e., aapl) and click the 'Pick' button
3. Click the 'Create League' or 'Join League' button

Expected Result
The backend should automatically convert the chosen stocks by the user to have all uppercase letters in order to properly handle possible inputs with different capitalizations by the user.

Actual Result
User is unable to join a league if they enter a valid stock ticker with incorrect capitalization.
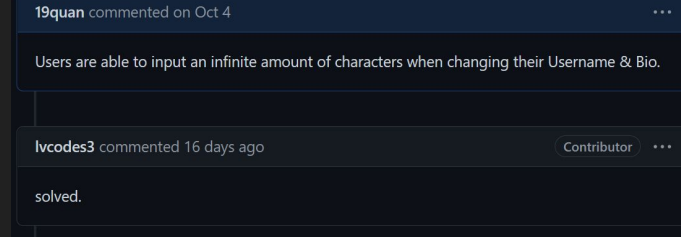
Quality Assurance Tester: Quan Nguyen

- Tested different versions of the software on different platforms
- Mainly tested and found bugs (UI and back-end logic)
- Helped with back-end debugging
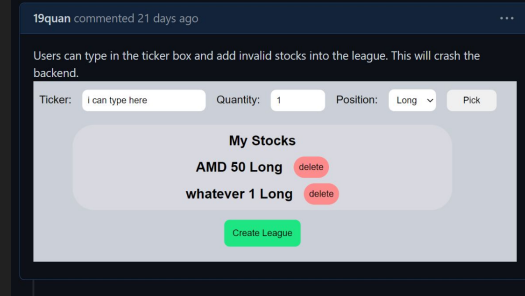- Assured that the final product is as bug-free and usable as possible.

Search and Profile Picture UI window scaling issue #16

Closed 19quan opened this issue on Oct 4 · 1 comment

19quan commented on Oct 4

At smaller window sizes, the search button and user profile picture will be misaligned.
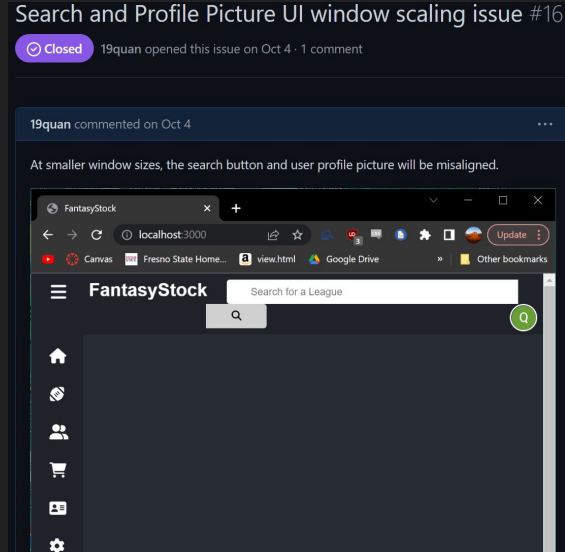
No character limit on Username & Bio change #15

Closed 19quan opened this issue on Oct 4 · 1 comment

19quan commented on Oct 4

Users are able to input an infinite amount of characters when changing their Username & Bio.

lvcodes3 commented 16 days ago Contributor

solved.

Users can type and use invalid stocks #56

Closed 19quan opened this issue 21 days ago · 1 comment

19quan commented 21 days ago

Users can type in the ticker box and add invalid stocks into the league. This will crash the backend.

Github Repository

[JonahLozano/FantasyStock (github.com)](github.com)