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Admin username: admin@filo.com pass: admin

User username: astonuser@aston.com pass: password1

Structure of system:

I used the Laravel framework to route my views with functions in the item and request controllers, I used the command line and Laravel functions like artisan to create the model and all the tables. I have used node js to style the website, it is clean and simple to use. Users that arrive on the front screen where they can click a link to see the database, if a user isn't registered they will see a basic list of items, if a registered user clicks that link it will be sent to the list of items where they can make a request and see more of an item. The website uses gates to direct to authenticate users and direct them to the relevant pages.

Required functions implemented:

Users...

- can register
- can see items but item details are restricted to item category, colour, date +time found and place found.

Registered Users...

- Log in or out
- can add items to database through add item form
- can view list of items with basic details
- can view details of specific item by clicking on details button on the items list.
- Can send a request for an item by clicking on request item on items list

Admin can...

- Log in or out
- View requests and their status
- Approve or refuse requests.

Other functional features:

- Sensible names for URL
 - Simple and neat webpages
 - Adequate error reporting
 - Pages have links to related pages and home page
- see:**
larafilo/resources/views/layouts/app.blade.php line: 38-43
larafilo/resources/views/items/showUser.blade.php line: 21-23

Security features

- Passwords are Hashed on the database

See:

larafilo/app/User.php lines: 27-28

- All inputted requests have been validated and protected from injection

See:

larafilo/app/ItemRequest.php line: 9

larafilo/app/Item.php line: 10

larafilo/app/Http/Controllers/ItemController.php lines: 62

larafilo/app/Http/Controllers/RequestController.php lines: 49-51

- Restricted file upload to only images

See:

larafilo/app/Http/Controllers/ItemController.php lines: 57-62

- CSRF methods have been used in forms to prevent CSRF

See:

larafilo/resources/views/items/create.blade.php line: 27

Stretchers Used

- Allow admin to edit items
- Controller methods use gates to authenticate the user and direct them to the correct view, this prevents normal users from accessing admin pages by inputting the URL of the page.

See: (all controller methods that direct to a view use gates)

larafilo/app/Http/Controllers/ItemController.php lines: 23-31

larafilo/app/Http/Controllers/RequestController.php lines: 19-23

Database structure

Items table:

User found is foreign key references id of user table

Item request table:

User id is foreign key references id of user table

Item code is foreign key references item code of item table

