bulletin'

Seeded Defect Log
Team 19

How to run bulletin

What you need…
- Node package manager (npm) + nodejs
- https://www.npmjs.com/get-npm

Once you have npm installed you will need to start up both the frontend + the backend server using npm.

To start the frontend open the frontend directory using a bash shell and then type *npm install*. This will install all of the dependencies for the React webpage. Once that is finished type *npm start* to start up the frontend.

To start the backend open the backend directory using bash and type *npm install* just like with the frontend. Once the dependencies are installed type *node app.js* and the server should start right up.

Once both are running, the website should be accessible via http://localhost:8080/

If you would like to test the website using your own mongo database then you can replace the MONGO_URL value located in /backend/.env with a custom mongo url.

Seeded Defects

Defect No.	Defect	Output before seeding	Output After Seeding	Suggested Corrections	Severity
1.	When user requests to filter flyers by week, application filters them by month	Application filtered flyers by week	Application filters flyers by month	Ensure the correctness of the end date string that is used to get flyers.	1
2.	Successfully creates flyer with the start date in the past	Application shows an alert message saying "Cannot schedule an event in the past"	Application doesn't show an alert message and creates a flyer	Add a check for whether an event date is in the past	1
3.	Successfully creates flyer	Application shows an alert	Application doesn't show an	Add a check for whether event's start	1

	with the start date happening after the end date	message saying "Event cannot end before it begins"	alert message and creates a flyer	date is happening before end date	
4.	When user requests to display only collected flyers, application displays both collected and not collected.	Application displayed only collected flyers	Application displays both collected and not collected flyers	Verify whether checkbox is checked	2
5.	After logging out user can still access the home page	User was not able to access any page except login/signup page	User is able to access all the pages	Remove the authentication token from the local storage	3
6.	When flagging a flyer, will delete on the 6th flag, instead of the 5th.	On fifth flag: "success: true, message: 'Flagged flyer and deleted' "	On fifth flag : "success: true, message: 'Flagged flyer'"	Double check to conditions for deleting when flagging: should be == 4 and not == 5.	1
7.	When un-collecting a flyer, does not remove.	After un-collecting, will not show flyer when refreshing the collected filter.	After un-collecting, will still be in the users list of collected flyers.	Check the users list of collected flyers and if they already have it in their list, remove it.	2
8.					
9.					
10.					
11.	User cannot delete their own flyer.	When flagging a flyer the user created, the flyer is deleted from the database.	The flagged counter is incremented instead of automatically deleting the flyer.	Check if the user matches the flyer owner. Delete the flyer if so.	2

12.	Flagged flyers are never removed from the database.	If a flyer is flagged by 5 different accounts the flyer is deleted from the database.	The flyer continues to exist on the database.	Check how many times a flyer has been flagged and remove it on the fifth flag.	1
13.	Create modal doesn't close after submitting a new flyer, allowing the user to inadvertently create duplicates.	After clicking submit, the modal should close.	The modal stay open after submission.	Close the modal when submitting the information to the database.	2
14.	User is not reminded to fill in the start date.	An alert pops up to remind the user to select a date.	The alert does not show and the submit button appears to not work.	Add an alert when a flyer without a start date attempts submission.	2
15.	User is not reminded to fill in the end date.	An alert pops up to remind the user to select a date.	The alert does not show and the submit button appears to not work.	Add an alert when a flyer without a end date attempts submission.	2
16.	When user clicks on settings tab on the top, it does not link them to the correct page.	Routes user to page in which they are able to change password.	Routes user to login page.	Verify that the correct links are associated with the correct buttons.	3
17.	When user types in wrong answer to security question, still prompts user to change password in account	Does not prompt user directions until user correctly types answer to security question	Prompts user whether successful or not.	Check boolean values associated with messages and front end display	1

	settings.			
18.	When user changes password, they are able to input a password that is under 8 characters long.	Prompts user if they have a password too short/allows a short password.	User can now input a password that is less than 8 characters long.	Use backend to validate length of password string.	3
19.	User is not prompted failure upon signin when the security question is left blank.	Prompts user if any of the fields in the sign up form are blank.	User is able to leave the security question blank.	Within the back end, validate which strings have been checked	3
20.	User is not directly routed to the login page upon successful login	Prompted of successful login and immediately directed to the home page.	User must type in /home to the end of their url	Add function route user back to the home page upon successful login.	
21.	Signup page does not prompt user if their username is invalid.	Signup page prompts user stating why it is unable to create an account	No prompt is given	Insert return messages from the node backend that prompts the user with the error.	1
22.	A user cannot filter the flyers by collected while also filtering by a date.	Get flyers will filter using both the collected filter and the date filter when both are selected at the same time	When the collected checkbox is selected all collected flyers, regardless of the date filter are shown.	Add start date and end date in the mongodb query in getflyers().	2
23.	If a user is not yet signed in, they may still access the home page by manually	The /home url will redirect a user to the login page if they are not yet signed in.	The /home page will load regardless of a users signed in state.	Add a function before each page redirect to verify that the user has valid permissions to view the page.	2

	typing in the url				
24.	The backend does not validate the users password and will sign in regardless of correctness	If a user tries to login with invalid information the user will be prompted with the message 'Invalid login information'	When a user clicks login after entering an email, the backend will send a valid token regardless of a password	Do a check to see if bcrypt.compare returns true and otherwise the server return with a fail message.	3
25.	The initial filter is set to 'all' whereas the filter is checking for 'All'	When a user first logs in, all upcoming flyers will propagate on their homepage	When a user first enters the /home page, no flyers propagate because of the invalid filter string	Either replace 'all' with 'All' or change the condition to ignore case sensitivity	2