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CSC 415-01

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Assignment 5 - Open Source Software: Project Implementation

- Project description:
 - This project is a web application that allows students to anonymously report incidents of harassment/ assault on campus anonymously to be reviewed by Title IX. The aim/intent of this project is to make students feel more comfortable reporting these incidents and to be informed of how to file an official report.
- Main functionality:
 - sign up/register/ logout
 - email confirmation authentication
 - fill out a report
 - admins can view report details
- The full link to the private project repository on GitHub (copy and paste the url).
 - <https://github.com/medinah2/Creeport/>
- Detailed instructions for installing and using the application, including information about the expected environment for successful execution.
 - To install the application from GitHub you must clone the repository
 - <https://github.com/medinah2/Creeport.git> ← HTTPS link
 - <git@github.com:medinah2/Creeport.git> ← SSH key
 - to use simply enter the src file and bind the server to activate the link. This was configured on the vm so it would be best to access it through your vm as it will have the necessary ruby version/environment as well as the database needed.
 - If you implemented a web app, specify the full link (copy and paste the url) needed to run your application through a browser. Provide the commands to start the rails server on the VM. Specify the account you used, and the full pathname to your code on the VM.
 - <http://csc415-server10.hpc.tcnj.edu:3000/>
 - used student1 account
 - path name: Assignment2/Creeport/src
 - to start server on the VM once in the src folder simply run `src]$ rails server --binding=10.18.6.10`(this would be your ip address)

- If you implemented a mobile application, specify the operating system (iOS or Android), type of device, supporting software needed, etc.
 - not applicable, implemented web application through ruby on rails
- • Known bugs, issues or limitations.
 - User email is not passed in show report information, this is most likely an issue when passing information.
 - admins should not be able to create reports, they should only need to view them.
 - I included the GNU General Public License v3.0 as it maintains the copyright and license implemented and requires users to include state changes and list sources. This model aims to share and add improvements while maintaining the open-source implementation so that the source code is accessible. Multiple changes to the source code are allowed but closed source versions of the code can be distributed; it can be distributed but it must remain open source.
- • Write-up on the open-source maintenance and communication processes for your project. Label the document with your name and the assignment number.
 - maintenance
 - Bugs and issues can be brought up through the issues page on GitHub so that individuals are aware of certain errors that must be maintained and attended. Once created they will be viewable to any contributors.
 - Future implementations or added functionality can be created as milestones to accomplish on the GitHub page as well.
 - communication
 - Users can communicate through the issues or milestones page on the github page. If there are personal questions regarding the initial setup of the system that I have implemented they are encouraged to contact cr33p0rt@gmail.com and mention [Creeport Issues] in the subject line.
 - guidelines
 - See the license included in the GitHub for a more detailed outline of specifications that users must adhere to when adding code to the GitHub.
 - The code must be well documented with changes identified as well as the version number of the code implementation and must create a pull request rather than simply pushing it to the master branch. Additionally, the code must be tested extensively to ensure that new implementation does not crash or break the source code available for future versions. If any issues or milestones mentioned on the GitHub are fixed within the new

implementation, they must be noted as complete or in progress in order to remove them from the page so it is no longer worked on.

- Updated test case design

Functionality Tested	Inputs	Expected Output	Actual Output
Valid email entered	<u>medinah2@tcnj.edu</u> your TCNJ email to use for confirmation	no message displayed if entered correctly	
invalid email entered	medinah2 medinah2@	please include an '@' in the email address 'medinah2' is missing an '@' please enter a part following '@'. 'medinah2@' is incomplete.	
duplicate email entered	<u>medinah2@tcnj.edu</u> (after validation)	email has already been taken	
sufficient password entered	password	no output if correct	
insufficient password entered	pass	password is too short (minimum is 6 characters)	
passwords match when registering	password & password 2 equal passwords >=6	no output if inputted correctly	
passwords do not match when registering	password & pass password & drowssap	password confirmation doesn't match password	

email confirmation setup	valid email and valid password entered	A message with a confirmation link has been sent to your email address. Please follow the link to activate your account.	
email confirmation	must have signed up with valid credentials	Welcome medinah2@tcnj.edu! You can confirm your account email through the link below: <u>Confirm my account</u>	
report fields filled out	full report	“report filed successfully”	
not all report fields are filled out	report missing fields that	“report incomplete” will not let users access	
report meets length qualifications	report with > 100 characters This is testing data to ensure that the length requirements are met. One report should be at least 100 characters long.	valid report length	
not all length qualifications are met when writing detailed description when filing a report	report with < 100 characters test data	Detailed description is too short (minimum is 100 characters)	

not all text boxes are filled out when filing a report	leave accused student blank	“please fill out this field”	
view all reports	enter a report	all should be displayed with limited view unless given admin controls to access data	
Admin view	<u>cr33p0rt@gmail.com</u> pw: testing	should be able to show, edit, and delete reports. When clicked on show you can view detailed descriptions and sensitive information.	
login successful	enter correct login information	“signed in successfully” “Welcome to Creeport logged in as medinah2@tcnj.edu”	
login unsuccessful	enter non-existing account information	“invalid email or password”	
User view	your configured account or use <u>medinah2@tcnj.edu</u> pw: testing	should not be able to show, edit, or delete reports, can only see an overview of reports with no sensitive information displayed.	