

CreateSafe

Team 33: Daniele Menara, Minho Kim

Company: AuthoRight

PROGRESS

Since the last report, we successfully finished implementing payment for each file uploaded with PayPal. On successful payment, we also persisted the files on the server, and linked them to the Users.

We created test cases for each component implemented so far, i.e. Login, Registration, Payment and Upload. These are mainly functional testing assertions to verify that the logic flow is working correctly and that errors and invalid commands are handled correctly. Each test case implemented (using PHPUnit) is independent and some of them use mock objects in order to guarantee a targeted focus on only the functionality tested.

Furthermore, we met with Gareth to review our progress and discuss on the front-end of the website and deliverables by the end of the projects.

TASKS COMPLETED

- Finished implementing the Payment process and linked it with the upload of files.
- Persisted the files and linked them to the User, in order to be able to retrieve files per User.
- Created a set of test classes for:
 - Login and Registration.
 - Upload of files.
 - Payment.
- Implemented the stamping of each file when the payment is successful.
- Started working on the stamping of each file when the payment is successful.

MEETINGS

- 02/02/2016: Met with the TA and reviewed the progress made on the payment functionality with Paypal.
- 09/02/2016: Met with the TA and discussed the test cases we implemented and the next components we have to implement.
- 10/02/2016: We met with Gareth and discussed front-end for the website and progress made so far (receiving positive feedback). We agreed on the overall project timeline and deliverables. We arranged for another meeting to be held during reading week in order to work together and fully finalize the graphics for the website.

PROBLEMS

We did not face any particular problem during these past two weeks. The stamping of the files is taking slightly longer than expected to be implemented but that did not affect the overall project progress that is currently running on time. We plan to be able to finish the main website during the next two weeks in order to allow ourselves enough time to dedicate to the development of the API.

PLAN

By the time of the next report we plan to:

- Finish implementing the stamping of the files.
- Implement all static pages of the website (i.e. FAQ and pricing pages, homepage...).
- Finalize the styling of the all of the pages of the website.
- Implement the Cease and Desist letter functionality.
- Style the emails sent to the Users.
- Update the project website with current progress.
- Create test cases for stamping of files.

PERSONAL SECTION

DANIELE MENARA

During the past two weeks, I successfully implemented payment with Paypal and worked on the persistence of files and linking them with the User on successful payment. I also created the test cases for each component implemented so far.

Finally, I organized the meetings with Gareth.

MINHO KIM

I started working on stamping each file. First, I used python with Opencv in order to stamp each image file with a watermark. However, the project is developed using PHP and embedding python code in the project is complicated. Therefore, I am now working to change the code to stamp using a PHP library, such as Imagemagick.