

CreateSafe

Team 33: Daniele Menara, Minho Kim

Company: AuthoRight

PROGRESS

Since the last report, we integrated the watermarking functionality upon successful payment. This was the last must-have functionality missing of the project and even though it is not fully finished, we could focus on finishing implementing all the secondary functionalities that were missing.

The website is now almost complete. We experienced some delays (see Problems section) but we have now implemented all must-have functionalities and most of the should-have.

TASKS COMPLETED

- Finish implementing the stamping of the files.
- Implemented thumbnail for PDFs.
- Finish implementing most of the missing functionalities of the website:
 - Printing or sending the certificate.
 - Emailing registration code.
 - Send Cease And Desist letter via email.
- Uploaded files are now stored on a separate folder for each user (the name of the folder is the user's ID)

MEETINGS

- 15/03/2016: we met with the TA and discussed the handing day for the project. We also received feedback on the GUI from dr. Yun Fu: the feedback was very positive.
- 16/03/2016: we met with Gareth to talk about the missing pages of the website (e.g. privacy policy), the handing day for the project and the potential deployment of the website.
- 22/03/2016: we had the last meeting with our TA and discussed the deliverables before the final presentation at the end of April. Finally, we discussed the feasibility of a potential deployment of the website.

PROBLEMS

Even though we managed to integrate the watermarking functionality within the project, it took longer than expected. Furthermore, the code is not fully correct and needs some adjustments. This delayed our schedule slightly and we had to re-plan the final steps.

We discussed deployment with Gareth, and, having no previous experience deploying a fully functioning web application, we sought help from the TA. Unfortunately, the TA has no web

development experience. We plan to first finish implementing all missing secondary functionalities and test the website, and then we will consider deployment.

PLAN

Being the last report, this plan applies to the last month before the final deadlines.

We plan to:

- Fix the code for the watermarking functionality.
- Implement Microsoft Word to PDF conversion for Word document uploads.
- Implement printing and download of Cease and Desist Letter as a PDF.
- Finalizing style for website according to Gareth directives.
- Write deployment instructions/Deploy website to webserver (to be considered).
- Complete project deliverables (project website, video and slides for the final presentation).

PERSONAL SECTION

DANIELE MENARA

During the past two weeks I worked to integrate Minhó's code (watermarking functionality) with the project. In order to integrate it, I had to refactor and change some parts of his code. Furthermore, I implemented printing and download of watermarked files, thumbnail for PDFs, sending of Cease and Desist letter via email and sending of certificate email.

I have also been working on the front-end, restyling the website, and I have done some refactoring of the code in order to follow the best software engineering practices.

I exchanged several emails with Gareth in order to keep each other updated with the progress on the project and to organize the meeting.

MINHO KIM

During this two weeks, I tried to fix the problems in the code I wrote. I could finished implementing the stamping (adding date, serial, and logo) to pdf and image files.

I am still having problems on converting docx files. Also, the size of the watermark has to be changed depending on the size of the image.