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# CreateSafe

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## PROGRESS

Since the last report, we produced mockups of the website trying to implement and fulfil the requirements specified so far. Furthermore, we sent a copy of the mockups to our client and we further investigated on the PHP framework to use in order to implement the functionalities set out by Gareth.

We based our decision on different factors that we considered important for the layout of our project. We decided to use the Symfony 2 framework and started exploring the documentation and prototyping.

So far we implemented a working prototype for the upload of files from anonymous users based on their session ID. The upload stores the files in an orphanage directory that can be cleared out of old files from interrupted sessions of anonymous users. The prototype implements multiple Drag&Drop of files.

## TASKS COMPLETED

- Completed the mockups focusing on the main functionalities of the website (using Balsamiq Mockups).
- Researched on different PHP frameworks that could help us structure the backend of the website, in particular we based our decision on different aspects that we deemed fundamental for the project (i.e. testing, third libraries that we could make use of, scalability)
- Refined requirements, categorizing them between functional and non-functional requirements.
- Started prototyping using the Symfony 2 PHP framework implementing the upload of files using third libraries.
- Started writing use cases for the requirements outlined so far.

## MEETINGS

- 17/11/2015: we discussed about functionalities to implement on the website and mockups. We discussed with the TAs how to refine the requirements.
- 20/11/2015: after reviewing our individual research on different PHP frameworks, we decided on which one to use.
- 24/11/2015: we went over the mockups with the TA and we discussed how we should approach prototyping and structuring the API for the website.

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## PROBLEMS

We were not able to plan a new meeting with our client since we did not receive a reply to our email. Furthermore, after further discussion we spotted some flaws on the initial design and requirements regarding the API. In order to overcome these issues, we are planning to organize a new meeting with Gareth as soon as possible and trying to narrow down the requirements to a level that they are more feasible from a software engineering point of view.

## PLAN

By the time of the next report we plan to:

- Schedule a new meeting with Gareth in order to receive feedbacks on the mockups and the prototypes.
- Further develop the prototype trying to implement login and registration.
- Explore on PHP testing, in particular PHPUnit and how to test with the PHP framework.
- Update project website with description of the prototype developed.
- Write more use cases in order to cover all requirements.

## PERSONAL SECTION

### DANIELE MENARA

In the past two weeks I worked on the mockups for the website, I researched on different PHP frameworks that we could make use of. Moreover, I started prototyping for the project. I sent a copy of the mockups to Gareth and asked to plan a new meeting in order to be able to review the mockups together and further define the requirements for the API. I started prototyping using the Symfony 2 framework and reading the documentation.

### MINHO KIM

In this period, I studied symfony to construct the actual application in PHP. Also, by using Dropzone.js, it became possible to build a Drag & Drop function to upload files, which is one of the (should) requirement. After the next meeting with a client, I would start developing a prototype of the application that actually works for the video presentation based on the mockups which could be modified in the meeting.