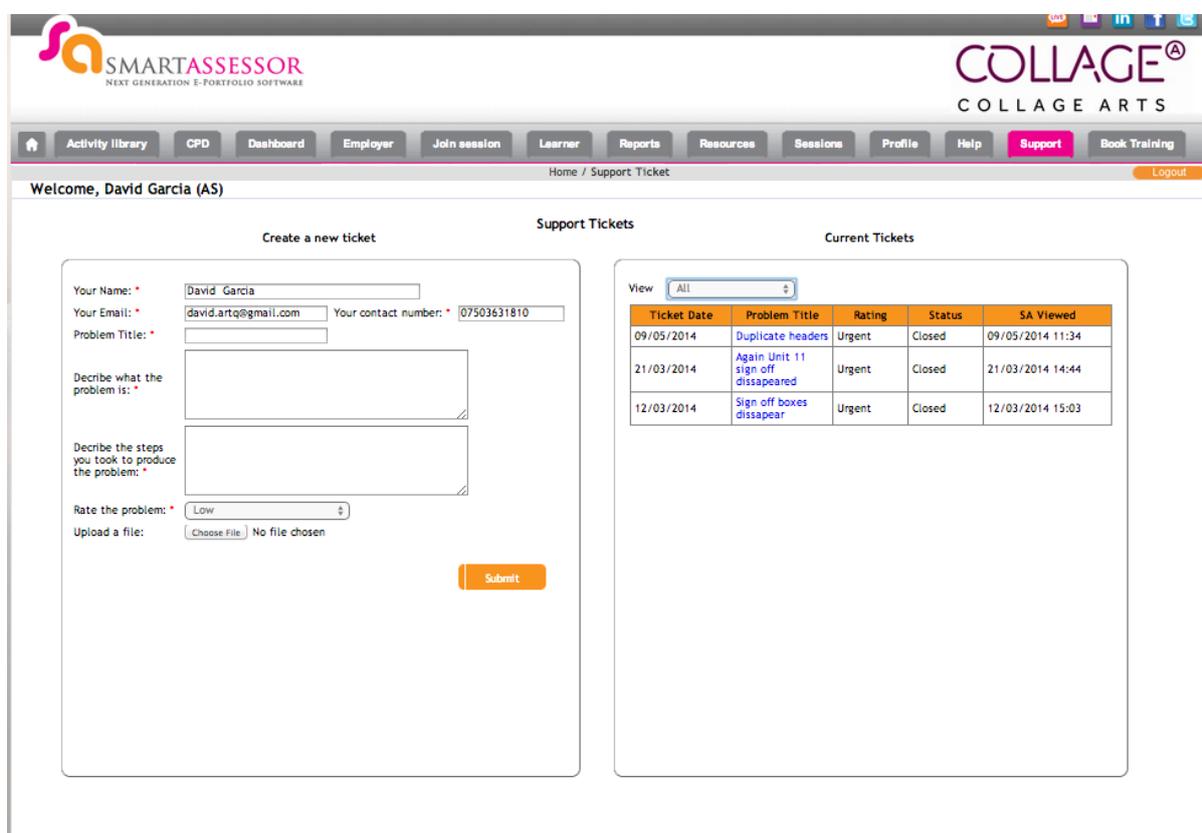


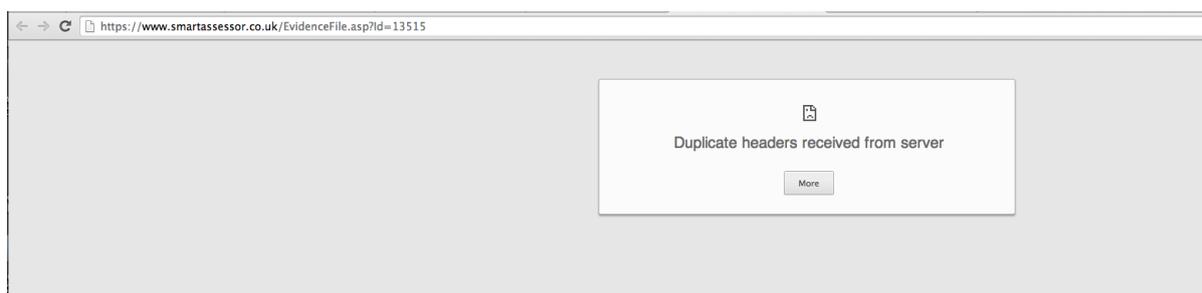


Once we started the Technical test and implementation against our particular Framework, problems started to appear, in different aspects:

Technical development:



The technical program structure of the tool, which use .asp modules combined with javascript, is not a feasible foundation, we found the site has several bugs recurrent in process and the development team is small and do not always have time respond to the challenges quickly. In addition, the development and implementation of a full set of gadgets, html5 canvas function, etc, has been delayed for more than a year.



Compatibility:

The site uses a private commercial software and the lack of API with development tool makes the integration to other platforms impossible.

The accreditation system has to belong to a menu provided by the regulatory systems (awarding bodies), and is suited to "formal accreditations". We would be unable to include our new framework onto this kind of tool, and this becomes a recurrent problem with other "formal tools":

Welcome, David Garcia (AS) Home / Learner / Leon Armstrong Logout

Leon Armstrong

Profile Course Action Tests and Exams Contact Diary ALS

Course	Framework Code	Course Start/End	Course Extension date	Actual End Date	Assessor/Second Assessor	Status	Awarding Body	Registration Number	Registration Date	Edit
EDEXCEL BTEC Level 3 Certificate in Creative Digital media		9/3/2013 1/31/2014		DDMMYYYY	David Garcia Marie Boateng	In Training Reason For Change	EDEXCEL			
EDEXCEL Level 3 Diploma in Creative and Digital Media		9/3/2013 9/12/2014		DDMMYYYY	David Garcia Marie Boateng	In Training Reason For Change	EDEXCEL			

Course Filter:  Filter  id

Legend

- Optional second assessor with option to be lead Assessor.
- Click to edit details
- Click to cancel edit operation
- Click to Save edit

Filter

- EDEXCEL BTEC Level 3 Certificate in Creative Digital media
- EDEXCEL Level 3 Diploma in Creative and Digital Media
- Edexcel Level 3 Diploma in Creative and Digital Media Competence
- ERR
- Functional Skills English Level 2
- Functional Skills ICT Level 2
- Functional Skills Maths Level 2

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By the end of April the prototype stage has been finalized with the following conclusions:

- A2C needs a scalable tool, Private existing solutions don't provide this scalability, neither they are able to ensure a long lasting development.
- A2C needs to provide a tool that allows the integration to other platforms, API's, organizational tools and cloud engines. The research will look for open source tools, which also encourage and share our political, ethical and moral foundations.
- The complexity of the existing formal tools reflects the issues that the whole process of the Euro-Aspire Framework aimed to make visible.
- The user interfaces of current applications are cold and difficult to integrate in the culture of tools used by our target audience, which is the Creative and Cultural sector.

### **Research: Open source solution**

In parallel to the initial test, a further research took in place in between March and May 2014. This research take in account the findings produced by another EU project led by Collage Arts – European Cultural Learning Network.

From this starting point we focused on the latest and most innovative open source platforms. Very early on, this kind of development showed itself to be the best approach:

<http://oss-watch.ac.uk/resources/ossoptionseducation>

We reviewed against several models and did comparisons on different scales, sizes and the range of tools integrated.

<https://moodle.org/>

<http://www.sakaiproject.org/sakai-cle>

<http://www.oaeproject.org/blog>

<http://www.instructure.com/>

<https://gibbonedu.org/>

and finally

<http://openbadges.org/>

This last tool in particular, complied with the functionalities that we need, not more nor less. It is:

- Open source and, included within this reliable platform is the developers repository of information, GitHub.  
<https://github.com/mozilla/openbadges-discovery/>
- Supported by Mozilla Foundation, which ensures a long lasting support development.
- Provides the exact functionality we need in terms of portfolio accreditation management tool and does not integrate school management, so each of the partners will be able to integrate it in their own systems.
- The scalability of the tool is certified and as open source can be always re-implemented.

More info:

- <http://literaci.es/mozilla-discover>
- <http://discover.openbadges.org/>

### **Road Map**

***OpenBadges has to be built for purpose; in our case we are trying to implement a totally new “non formal” framework which requires a very large data transfer solution, and the kind of evidence we want to process and track makes it essential to build the initial architecture of the Open Badges whilst we are doing the Framework workshops/testing, as both activities have to feed each-other otherwise the process can not be established, hence, these 2 actions are interdependent.***

***We require an external specialist for the final tweaking/polishing of the tool in terms of coding. This specialist need to be in place when the tasks for the User interface have to be done.***

***Therefore we will be start to implement the second tool and hopefully, arrive at the final prototype in September 2014 while completing the workshops in Estonia and Croatia.***

***Note: There is a further development possibility by the recent agreement of total integration between Mozilla OPEN Badges and Moodle. <http://docs.moodle.org/dev/openbadges>***

David Garcia – June/July 2014

Learning and Development, on behalf of Collage Arts