**MSE @ UC**

2009/2010

**Project #1 Report**

**Enterprise Application Integration**

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## Design decisions

### In the XSD for the first application

To have the horizontal resolution and vertical resolution separated in different elements:

* Since in the second application it will be necessary to compare different resolutions, it will be easier if the horizontal and vertical components of a resolution are separated, to perform some math.

To have certain elements, such as the EffectivePixels, the ImageRatio and others in a string format and not in a numeric format:

* Since these elements will not be used for anything besides being rendered as strings, it is not necessary to have them in numeric format.

|  |  |  |
| --- | --- | --- |
| Student | Mostly involved in | Time spent |
| Carlos Simões | * First application * Definition of the XSD for the first application |  |
| Miguel Oliveira | * Third application * Regular expressions |  |
| Pedro Saraiva | * Second application * Definition of the XSD for the second application |  |