Progress Report Submission for C. J. Taylor

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Agreed Upon

- In the document previously written, amend the sections on AAM's and MDL.
- See <*Reading*> below.

Reading

- Literature on registration, with emphasis on non-rigid registration.
- Kate Smith's report draft.
- Edwards' (original) paper on AAM's.

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- ISBE presentation for computer science students.

Progress Made

- Writing up continued on Monday and Tuesday only[1]. Changes have been made not only to the sections on AAM's and MDL, assuming that the document previously reviewed had been produced on November 4th.
- From Tuesday onwards literature[2] was extensively covered. Among the topics targeted: non-rigid registration, multi-modality registration, active blobs, active appearance models, active shape models and PCA.
- Mikkel Stegmann sent me his C++ source code which implements appearance models. It also includes some Matlab elements.
- On Friday I started writing up an HTML page on AAM's. It is still very messy and its purpose is to form some basis for a larger set of explanatory notes. The temporary address:

  `http://www.danielsorogon.com/Webmaster/Research/AAM`

- Kate Smith posted me the up-to-date report draft and Matlab code on Friday.
- From Friday onwards I annotated the code above to make it clearer (to me).

Next Stage

- Identify general subjects that need to be understood. This will redirect reading to the most applicable papers.
- Form 2 completion.

[1] The aim was to bridge some gaps as agreed during the last meeting. The explanations are not yet nicely structured, but this can be worked on when the literature survey is put together.

[2] Well, roughly 80% electronically.

- Annotation of Matlab code to continue.
- Discussion of Matlab code and possibilities of extension.