

Finding the Gaps - Development of an Online 'day one' skills Log Book

LIVE Teaching Development Fund 2010

Interim Report 2011

Development

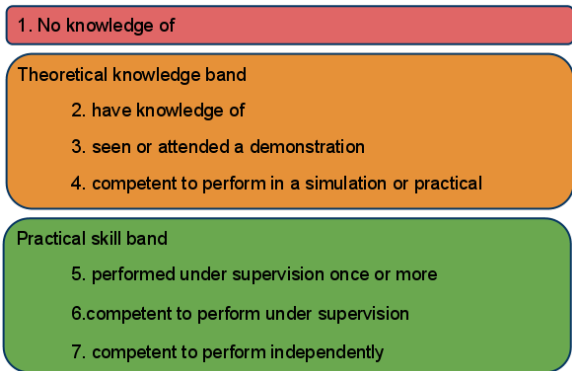
The 'day one' skills application is complete and can be accessed at <http://mylearning.rvc.ac.uk/d1s>.

The screenshot displays the 'Day1Skills' web application interface. At the top, the user 'Jeffrey Bullock' is identified as a 'Tutor(s)' with '0 Logs in the last 30 days' and '20 Logs in total'. The main content area is divided into a 'Logbook Entry' form and a 'Professional Practice' sidebar. The form includes dropdown menus for 'Select RCVS Category', 'Select Place', and 'Select Procedure', along with a 'Notes...' text area. The sidebar lists four professional practice areas: Communication, Legal/Professional/Ethical Practice, Reflective Practice and Lifelong Independent Learning, and Management of Veterinary Environment. Below the form, a 'Recent logs & comments - View All' section shows two log entries from 18/06/2011. The first entry is for 'RCVS Category Cardio-Respiratory System' and 'Place Small Animal Medicine - Internal Medicine' with a note 'Set up and use a microscope correctly'. The second entry is for 'Record, store and retrieve information using appropriate information technology systems' with a note 'fg hgf h'. The background of the page features a close-up image of a horse's head.

The application covers the functionality outlined in the original proposal:

- The 'day one' skills list is available to browse online.
- Users can view further information about the skill and where it can be practiced.
- Users are able to add a comment on their assessment.
- Users can add where and when they gained further experience in the skill.
- Users are able to assess themselves against a particular skill using the following scale (based on Beukelen, P. & van der Maazen, W.G.G.M., 2006)

Additionally, tutors are able to comment on one of their tutees entries.



- Users can view a visual representation of the stage they are at with mastering all the skills (via a colour-coded matrix).
- Tutors are able to view their tutees 'day one' skills map. This can be used as the basis for tutor meetings, and to provide feedback and guidance to the tutee on their progress.

All tutor information is imported from the student record system (SITS) on a nightly bases and this information includes who is tutoring which students. Tutors can also be manually assigned to a tutor in the administration section. Student pictures are also captured, although students have the option is change their own picture if they wish.

When a tutor logs in they see their tutees grouped by cohort and are able to browse a tutees skills and make comments.

Tutee Name	Course	Year	Logs (last 30 days)	Logs (total)	Tutors	Skills Matrix
Jeffrey Bullock	Bachelor of Veterinary Medicine	Year 4	0	20	None	Professional Practice (Red), Evaluation of Animals and their Care (Red), Clinical Decision Making (Red), Care and Treatment (Red), Underlying Principles (Red)
Jamie Arndt	Bachelor of Veterinary Medicine	Year 4	0	4	Jeffrey Bullock, Kim Whittlestone, David Bolt, Nicola Jayne Reynolds	Professional Practice (Orange), Evaluation of Animals and their Care (Red), Clinical Decision Making (Red), Care and Treatment (Red), Underlying Principles (Red)
Abigail Victoria Kent	Bachelor of Veterinary Medicine	Year 4	2	10	Jeffrey Bullock, Kim Whittlestone, Nicola Jayne Reynolds, David Connolly	Professional Practice (Orange), Evaluation of Animals and their Care (Red), Clinical Decision Making (Red), Care and Treatment (Red), Underlying Principles (Red)
Hannah Frances Lloyd	Bachelor of Veterinary Medicine	Year 4	0	2	Jeffrey Bullock, Kim Whittlestone, Nicola Jayne Reynolds, Roger K Smith	Professional Practice (Orange), Evaluation of Animals and their Care (Red), Clinical Decision Making (Red), Care and Treatment (Red), Underlying Principles (Red)
Emma Passmore	Bachelor of Veterinary Medicine	Year 4	0	30	Jeffrey Bullock, Kim Whittlestone, Daniel Brockman, Nicola Jayne Reynolds	Professional Practice (Orange), Evaluation of Animals and their Care (Red), Clinical Decision Making (Red), Care and Treatment (Red), Underlying Principles (Red)

Evaluation

Following positive feedback from focus groups with BVetMed year 3 students on paper prototypes of the proposed application a pilot study was conducted for students on the Beaumont Small Animal rotation in Camden. This pilot was part of a Research 2 Project being undertaken by Nicola Reynolds (a fourth year BVetMed student) and due to complete in February 2012. Early indications show that the application has been well-received by students monitoring their progress towards Day One Skills.

Embedding & Dissemination

We are planning to embed the application with several 4th year BVetMed tutor groups in 2011/12 as a replacement to the existing PDP tutoring software, integrated into the professional studies strand. Students will be asked to use the system before, during and after their Easter EMS placement and tutors will be involved in the monitoring of student progression. Lessons learned from this trial will be incorporated into the roll-out for the rest of the BVetMed years.

In addition, the application will be adapted to integrate with the RCVS EMS recording system currently in development to allow data to be shared between the two systems so that students from the RVC can continue to benefit from monitoring their progress towards Year One Skills once they have left the RVC.