Title of Project: Development of shared biological science technology enhanced open educational resources

Project Leader: Dr Ehsan Khan

Lead Department: Florence Nightingale School of Nursing and Midwifery

Other contributors/Departments:
- Maggie Tarling: Florence Nightingale School of Nursing and Midwifery
- Ian Calder: Centre for TEL

PROJECT DETAILED

Outputs: What has been produced thus far?

At present the below has been achieved

1. A number of stakeholder meeting have been undertaken to identify content and format of the proposed reusable learning objects (RLOs). These include.
   - Student discussions (x2) regarding design of the first 2 of 3 (reusable learning objects)
   - Specialised staff (x2) have been consulted regarding this their desired content for the RLOs
   - Centre of technology enhanced learning developers have been approached and discussion regarding formats and content have taken place.

2. Content for the first RLO has been identified and first draft content has been finalised among project leaders, students and specialist staff member.

3. A design meeting with the principle e-learning content developer has taken place a formal storyboard has been drawn up to facilitate the project outputs.

4. Meeting with students, project leaders and principle e-learning content developer has been conducted to identify common assets that need to be produced and used repeatable within the RLO

Outcomes/Impact: To what extent are you achieving the original aims of the project? Please include examples where possible.

The project is currently achieving the original project aims in that we have developed a communication pathway between all relevant stakeholders to integrate student a student-led design development of an in-house generated RLO resource. So far the impact of this is minimal as actual mocks for the RLO are not available. However by recruiting members of the student council we have been able to publicise the project.
amongst the student body, this has lead to volunteers coming forward offering to review and scrutinise different aspects of the utility. The benefit of this is that apart from being a student led project this aids some students with their understanding of the systems being addressed in the RLO.

**Supportive factors:** What are the main factors that are contributing to the successful progress of the project?

The main factor contributed to the success of the project is a committed student-staff team that have a vested interest in generating a fit for purpose RLO. In addition the current emphasis for TEL development and support by the newly populated Centre of technology enhanced learning all provide support for this project.

**Challenges:** Have you experienced any barriers or challenges in developing your project? What could be done to support innovation in the curriculum?

There have been two significant hurdles to the progress of the project. The newly implemented KEATS VLE and TurnitIn had taken up a considerable amount of the principle e-learning content developer’s time. Owing to this little progress was possible on the actual production phase of the first RLO, the same principle e-learning content developer is now leaving King’s. This may significantly affect our timeline as all of the discussion had with the developer will to some extent have to be re-iterated with the incoming developer. It will take some time for the new developer to settle into their post and more time for them to clearly understand the RLO content and package, aspects that the initial developer had a clear understanding of as they had undertaken similar work with the project lead previously.

A discussion has been had between the project leaders and principle e-learning content developer regarding efficient transfer of materials and assets developed so far to the in-coming developer.

**Recommendations:** Based on your projects, what recommendations would you make for improving the curriculum and student experience generally? Are there any wider implications of your project for the College/University undergraduate and/or postgraduate curriculum? In particular what would be the implications of introducing your innovation on a large scale across a range of disciplines?

Based on the current slightly unknown status of e-learning content developer access and workload it would be advisable to maintain the current timeline and maintain constant communication with the incoming developer once they have been identified. This would enable the project lead to bring the new developer up to speed most efficiently. The issue will be raised with Professor Russell who had agreed the project initially.

**Dissemination:** Has the project been shared with colleagues within and beyond the institution yet? What are you plans to do so?

The project has shared with a number of content specialists with an aim to recruitment them into the project. This has now been undertaken with 2 members of staff.

The Florence Nightingale Student council has been notified of the project and have provided assistance with content design and flow.
Once the first RLO is produced it will be showcased at appropriate venues including School based committees and meetings. It will be made available to undergraduate students via the Student council KEATS web-space for their comments and use.