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## Background and Rationale

- The Final Year Engineering Project (FYEP) requires students to apply a range of personal, practical and technical skills
- The FYEP spans two semesters and is assessed by a poster and a report
- Progress tends to be gauged through regular face-to-face meetings between supervisor and student
- As study patterns and employers' needs change, new ways of learning and teaching may be necessary
- E-portfolio tools have the potential to enhance the FYEP experience from the perspectives of supervisor and student

## Aim

- Determine whether e-portfolio tools can be used to enhance the FYEP experience

## Objectives

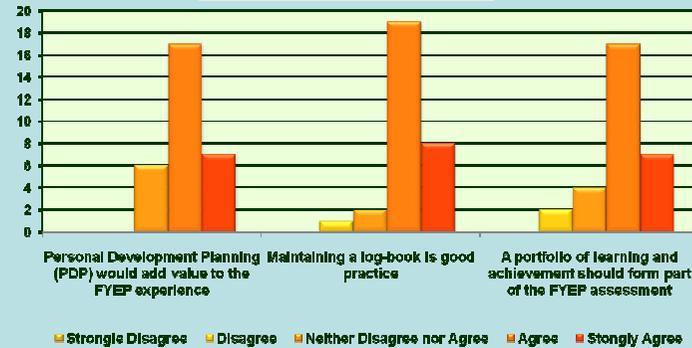
- Identify existing practice among supervisors and students
- Raise level of awareness of capabilities of e-portfolio tools
- Evaluate the performance of e-portfolio tools when used for FYEPs

## Methodology

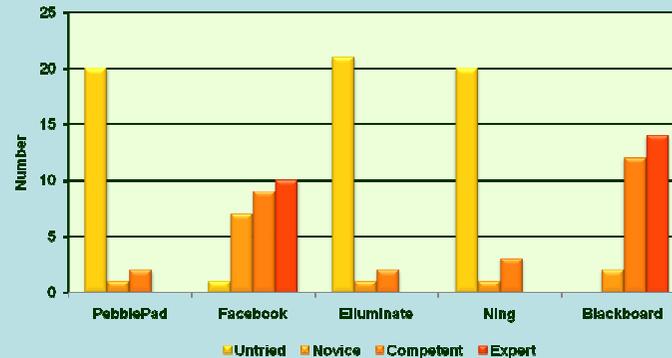
- Apply a mixture of qualitative and quantitative techniques
- Consult both supervisors and students
- Perform initial data gathering through on-line questionnaires and semi-structured face-to-face interviews
- Conclude with a pilot phase involving PebblePad, the University's e-portfolio tool

## Results: Student Experience

### Practice and Assessment

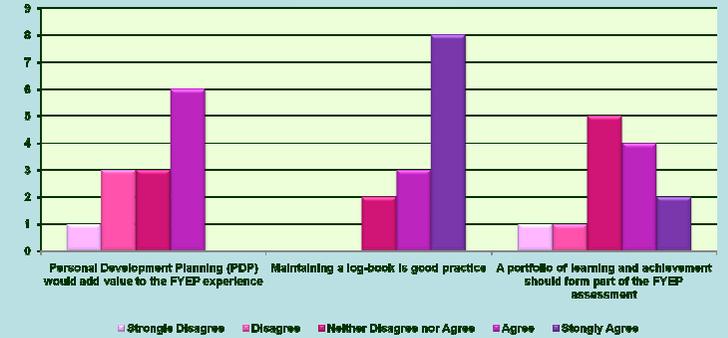


How would you rate your proficiency in the following technologies?

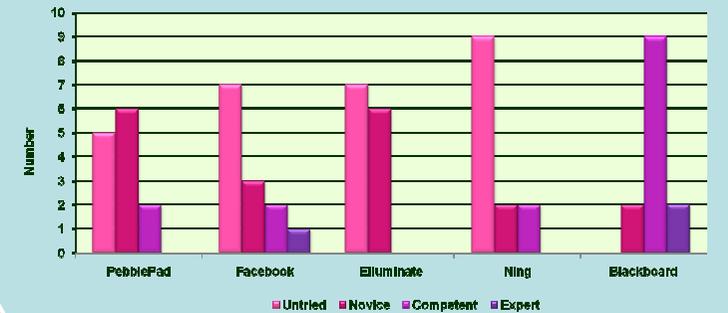


## Results: Supervisor Experience

### Practice and Assessment

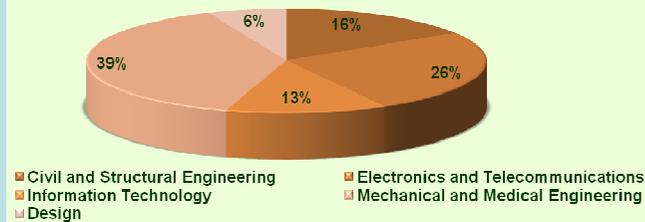


How would you rate your proficiency in the following technologies?



13 FYEP supervisors and 31 students completed the on-line questionnaires

## Which programme team are you most closely associated with?



On-line questionnaires were made available to FYEP students and supervisors from 20 May to 31 May 2011

## Initial Findings

- PebblePad, Eliminate and Ning are not widely used, with little exposure among supervisors and students
- Students, in particular, support the introduction of Personal Development Planning and the use of a portfolio of learning
- Maintaining log-books is seen as good practice by supervisors and students alike

## Future Plans

- Analyse results of on-line surveys
- Conduct interviews with supervisors over summer
- Provide PebblePad training to supervisors and students at start of 2011/12 academic Year
- Design suitable e-portfolio experiment for start of 2011/12 FYEPs