A Honeypot of rich ideas – Building online communities to promote knowledge exchange and collaboration between creative arts and engineering

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A Honeypot of Rich Ideas:
Building online communities to promote knowledge exchange and collaboration in creative arts and Engineering

https://twitter.com/HudHoneypotIce

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Honeypot

• On-line platform
• Providing a network collaboration
• Level 5 (NQF) UG
• 8 subject areas (two schools)
• Exchange ideas
• Multi-discipline teams
• Co-develop knowledge and skills
• Open – sits outside the curriculum
• Mentor – VPI Prof Stefan Gabriel President of 3M New Ventures
High-level specialism/expertise with the ability to work collaboratively.
Software

- Web based software
- Authenticated with our students usernames
- Three Phases

1. Create profile and pitch an project idea
2. Apply Phase: skill match and join a project
3. Voting for the best project

- Launched with a high-profile event – Prof Stefan Gabriel
HoneyPot: Successes

Winners from HP1

- Software Development studio
- 2 graphic Design students (ADA)
- 2 Computer systems (C&E)

<table>
<thead>
<tr>
<th>Students</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA</td>
<td>C&amp;E</td>
</tr>
<tr>
<td>Honeypot 1 Oct-Dec 2013</td>
<td>25</td>
</tr>
<tr>
<td>Honeypot 2 Feb-April 2014</td>
<td>45</td>
</tr>
</tbody>
</table>

Winners from HP2

- Solar Powered UAV
- 4 PD (1 first year) and 2 Mech Eng
Feedback from the students:

Value of networks: “Honeypot would be a great concept if it were inter-university” (Launch Oct 2013), “Interesting Idea to get people together” (HP1 winners 2013) “Very good networking tool for student enterprise” (Launch Oct 2013)

Focused approach: “Before a student submits an idea it should be revised by someone” (End of HP1), “perhaps a summer project” (Launch Oct 2013), “proof of concept event should not be organised near exams” (POC April 2014), “Didn’t realise your idea could be a service, I thought the idea had to be a product” (HP1 winners 2013) “It should be organised and planned for individuals not just teams” (POC April 2014)

Expanding opportunity: “Consider including final year students as many final years are perhaps more ready for enterprise activity” (Launch Oct 2013)
Challenges

Barriers open access
- Factors out of our control, outsourcing web design
- Legal contracts first – IP, NDC
- Experts for advice

Motivating students
- Outside curriculum (engaging the students)
- Networking across courses – mix them up
- Student experience (reluctant to register project)
- Creating value to learning
- Still need the physical environment - knowledge
- Confidence to take project further (needed mentors)
Challenges: Software

Navigation  Flexibility  Administrator interface  Admin heavy

Special Thanks

Stephan Calcutt (HEA A&D Technician of the year)  VPI Prof Stefan Gabriel
Honeypot

is designed to bring together students, who value innovative-thinking and ideas generation as part of their undergraduate

- Knowledge Communities
- Knowledge Exchange
- Knowledge Building