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| Proposal #Suggested Project Title: | Why Computing at Sunderland Mobile application? |
| Academic Area: | Mobile / Multimedia / User Interaction Design |
| Project Description: | Creating an app designed for UCAS applicants to help them understand the benefits of studying Computing at Sunderland. This could include anything from the programme content to employment opportunities to life in general in Sunderland The app will include a mix of media based information. |
| Specific Requirements: *(e.g. programming language, location, timescale or other constraints)* | Non-native mobile app developed using HTML5, CSS3, Javascript and JQuery mobile. Will make use of GPS features. Knowledge of XML and JSON. |
| Practical Outcome: *(The project will produce an X type of system, whose functionality will be a, b, c…)* | - Web/Mobile Hybrid App or compiled App using phonegap.com - System will make extensive use of live online media/information (i.e. make use of the YouTube API)  - Some form of guide/tour element |
| Suggestions for Research Focus: *(Topic of literature review that will help inform the product development)* | - Research focus could be either:  a) Analysing user centred design on mobile device  b) Investigate the benefits and pitfalls of using of software agents such as intelligent personal assistants to enhance user tasks. |
| Suggested Reading: *(background articles/key texts/seminal research publications to kick start the project)* | - Dependent of the choice of research focus above. |
| Social, Ethical, Professional, & Legal Considerations:(e.g. data security/protection, if the project involves working with vulnerable people/children you will require a CRB to be undertaken.) | All apps will be evaluated by level 1 students rather an UCAS applicants. |
| Sponsor Info: | Gary Unthank |