Electronic annotation for researchers: a feasibility study
Item 6: Staff Schedule

A. Principal Applicant time

Both the applicants plan to devote 4 hours per week to the project.

B: Part-time researchers

Professor Brown will spend a day per week (8 hours per week) working on the project. During the rest of his time, it is not planned he work for the University of Exeter but instead on his own professional and leisure activities. The other (unnamed) researcher will be full-time, but will start after the initial planning month of the project is complete. They will therefore work for 11 months.

C: Replacement teaching

N/A.

D: Responsibility

The applicants will have direct and overall responsibility for the research reporting and dissemination.

E: Named researchers

Professor Brown, the named researcher, is currently employed by the University to supervise graduate and undergradute projects on a per-hour basis; the rate is approximately 30 pounds per hour. The work will finish in early September 2005.

F: Steering committee

Not applicable for a small project such as this.

G: Distribution of research activities

Todo.

H: Justification for named researcher

H.1: CV of Principal Applicant

Todo

H.2: CV of Derek Lewis

Todo

H.3: CV of named researcher, Prof. P.J. Brown

Born July 30 1939; doctoral thesis: macro processors and techniques for portable software (Cambridge, 1968).

B.A., PhD from Cambridge Univ.; CEng, FBCS, FRSA.

Current posts: Emeritus Professor of Computer Science at Univ. of Kent at Canterbury; Visiting Professor at Exeter and Southampton University; currently I spend 1-2 days a week at Exeter University, conducting research and supervising students, and I visit the other two institutions periodically. Also a consultant, particularly at the moment to Fish & Richardson, Redwood City, California. Previous posts: Visiting Professor Stanford Univ., research analyst Univ. of North Carolina, graduate programmer IBM.

Winner, in partnership with OWL (Edinburgh start-up company), of the 1988 British Computer Society award for best technical achievement (Guide hypertext system); invited exhibitor at Royal Society 1995 INTERLINKS exhibition on research ideas turned into products; winner IEEE Hartree Premium (for paper on VLSI design); Erskine Fellow (New Zealand). My name is in the top 250 internationally of cited authors in computer science (but with help from two others who share the name!).

Visiting Scientist at Xerox research laboratory for two one-year secondments: awarded certificate of outstanding contribution to the company.

Current research has two strands: electronic publishing and context-aware applications. The two central themes of the electronic publishing work are hypertext and annotation. Interestingly, the work on annotation brings in the work on context-aware applications: annotations can be enhanced by automatically detecting the context of the user when making the annotation. This context can be used in two main ways: (1) using context to help retrieve annotations at a later date; (2) generating pre-emptive annotations that relate a document, e.g. a web page, to the user's interests (work at MIT by Rhodes and Maes pioneered this).

Current work in context-aware mobile applications has been the subject of a recent display at 'Set for Britain' at the House of Commons. Awarded Leverhulme Emeritus Fellowship in 1999, which involved building a context-aware retrieval system: this remains in use, and is available on the web.

Member of editorial board for journals and member of programme committee for numerous conferences in fields of electronic publishing and/or context-aware applications.

Some publications relevant to this application

1. P.J. Brown, H. Brown. Integrating reading and writing of documents, *Journal of Digital Information*, **5**, 1, 2004.

2. P.J. Brown, G.J.F. Jones. Context-aware retrieval for ubiquitous computing environments, in Crestani, Dunlop & Mizzaro (eds.), *Mobile and ubiquitous information access*, Springer Lecture Notes in Computer Science, Vol. 2954, pp. 227-243, 2004.

3. P.J. Brown, H. Brown. Electronically integrating the reading and writing of documents: an unexploited aid to education, Accepted for *ED-MEDIA 2004*, Lugano, Switzerland.

4. P.J. Brown. From information retrieval to hypertext linking. *New Review of Hypermedia and Multimedia*, Vol. 8, pp. 231-255, 2002.

5. P. J. Brown. Building novel software: the researcher and the market-place. In R. Milner & I. Wand, editors, *Computing Tomorrow: Future Directions in Computer Science*, pages 21-32. Cambridge University Press, January 1996.

6. P. J. Brown and H. Brown. Embedded or separate hypertext mark-up: is it an issue?. *EP-odd*, 8(1), pp. 1-13, January 1995.