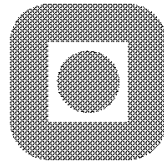


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## HOVEDOPPGAVE

Kandidatens navn: Minh Hoang Nguyen og Thor Gunnar Steinsli.  
Fag: Sivilingeniørstudiet i Datateknikk, studieretning for Systemutvikling.  
Oppgavens tittel (norsk): Research@work - Promoting awareness within research communities  
Oppgavens tittel (engelsk): Research@work - Promoting awareness within research communities  
Oppgavens tekst:

Research@work is a web-based collaborative system aims to be used within a research community. This master thesis concerns promoting awareness within Research@work. The main tasks are:

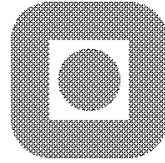
- ?? Studying awareness in general,
- ?? Specifying awareness requirements within a research community in particular,
- ?? Implementing the awareness requirements being proposed.

Oppgaven gitt: 15.01.2003  
Besvarelsen leveres innen: 11.06.2003  
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Utført ved: Norges teknisk-naturvitenskapelige universitet  
Fakultet for informasjonsteknologi, matematikk og elektroteknikk  
Institutt for datateknikk og informasjonsvitenskap  
Veileder: Professor Monica Divitini

Trondheim,

Faglærer  
Professor Monica Divitini

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**MASTER THESIS**

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# RESEARCH@WORK

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Promoting awareness within research communities

By

Minh Hoang Nguyen & Thor Gunnar Steinsli

Spring 2003

## ABSTRACT

We present a web-based collaborative system called *Research@work* that has been designed to support awareness needs within a research community at Telenor Research & Development.

Providing awareness is a mechanism for significantly improving the usability of groupware systems. Usability is an important requirement in software engineering. Since the early nineties, there has been a growing interest among researchers of computer supported cooperative work in the potential of providing awareness in cooperative work by means of computer-based applications. The increased focus on these topics are reflected in international conferences and workshops and documented in several papers.

This master thesis makes the following contributions:

- It presents awareness requirements specification of Research@work.
- It presents a comprehensive awareness architecture description of Research@work.
- It presents an implementation of the awareness mechanisms based on the requirements specification.