

Department of Computer Science Institute for Systems Architecture, Chair of Computer Networks

Master Thesis

GRAPHICAL DISCUSSION SYSTEM

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Statement of authorship

I hereby certify that I have authored this Master Thesis entitled *Graphical Discussion System* independently and without undue assistance from third parties. No other than the resources and references indicated in this thesis have been used. I have marked both literal and accordingly adopted quotations as such. They were no additional persons involved in the spiritual preparation of the present thesis. I am aware that violations of this declaration may lead to subsequent withdrawal of the degree.

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1 INTRODUCTION

- 1.1 MOTIVATION
- 1.2 GOALS AND RESEARCH QUESTIONS
- 1.3 THESIS OUTLINE

2 RELATED WORKS

2.1 ONLINE Q.A. SYSTEMS

3 STATE OF THE ART

- 3.1 MODERN WEB DEVELOPMENT
- 3.2 REAL-TIME COMMUNICATION
- 3.3 EFFICIENT SERVER SIDE

4 AIMS AND OBJECTIVES

- **4.1 BASIC FUNCTIONALITY**
- **4.2 HIGH INTERATIVITY**
- **4.3 DESIGN AND PROTOTYPING**

5 CONCEPTION

- **5.1 BASIC FUNCTIONALITY**
- **5.2 HIGH INTERATIVITY**
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- **5.4 DESIGN AND PROTOTYPING**

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- **6.1 ARCHITECTURE**
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- 7.1 USABILITY
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8 CONCLUSION AND FUTURE WORK

- 8.1 CONCLUSION
- **8.2 FUTURE WORK**

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