#### Lehrstuhl für Systeme und Informationsverwaltung

Prof.Dr.Ing. Klemens Böhm Hoang Vu Nguyen Marco Neumann



#### Praxis der Softwareentwicklung (PSE) WS 2012/2013

Visualizing and Statistically Analyzing Access Behavior to Scientific Databases

# **QA & Testing**



February 5, 2013

Functional Specification Alexander Noe

Design Jonathan Klawitter Implementation Anas Saber

QA / Testing Nikolaos Alexandros Kurt Moraitakis

Final Lukas Ehnle

E-M@il: pse10-group14-ws12@ira.uni-karlsruhe.de



### **Contents**

1	Introduction	4
2	Implementation mistakes	5
3	Design mistakes	6
4	Tests4.1 Automic tests4.2 Test scenario	<b>7</b> 7 7
5	Performance         5.1 Starting          5.2 Loading          5.3 Extracting	<b>8</b> 8 8
6	Stability 6.1 Nonfunctional requirements	9



## 1 Introduction

Blabla



# 2 Implementation mistakes

Task determination problem

. . .



# 3 Design mistakes

0\_0



- 4 Tests
- 4.1 Automic tests
- 4.2 Test scenario



## **5 Performance**

We should test the performance and than check how we could get it better.

### **5.1 Starting**

maybe?

### 5.2 Loading

#### **5.3 Extracting**



# **6 Stability**

- **6.1 Nonfunctional requirements**
- 6.2 Stress testing