

# **Guidance for Course Thesis of Database System and Implementation**

## **1. Format/论文格式要求**

**It includes title, summary, introduction and detailed analysis paragraphs in 5 point font, single line spacing and double-printed (5号字体、单倍行距、双面打印). The size of the paper must be 7 pages with an additional front cover which is required by Southeast University for course paper.**

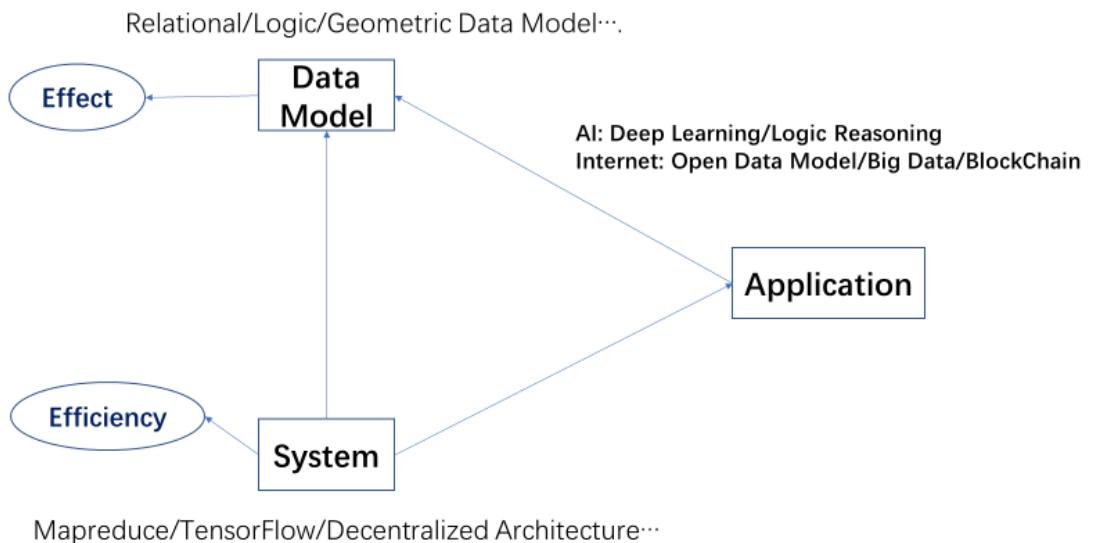
## **2. Deadline/截止时间**

**Before Friday, week 14/本学期第十四周完成**

**The attached is paper cover/附论文封面**

### 3. Content/论文内容要求

#### The Framework of the Course



**The logic of the paper is clear and the key points are prominent with concise sentences. The understanding of database theory and system is fully expressed as an important basis for grading. The paper must cover the following the contents in The Framework of the Course:**

- 1. Basic concepts and application scenarios of data model, from the perspectives of Internet, artificial intelligence (cognitive intelligence / perceptual Intelligence), big data application and blockchain. For example, the detailed techniques to establish the relation between**

**data models and deep learning via the mathematical language of Implicit functions, manifold structure of data set, function approximation using neural networks.**

- 2. The important problems in the implementation of database system, the key technologies, and the challenges, as well as improvements, in modern data technology. For example, the measurement of efficiency and its realization techniques.**
- 3. The impacts of the openness of the Internet have to be clearly illustrated with short and concise examples, the detailed techniques for the openness are concisely presented.**
- 4. The main contents of modern database theory and system, the landmark achievements and the development trend of database system.**
- 5. The relationship between database technology and your academic and professional development.**

# 研究生课程考试成绩单

院 系		专业	
学生姓名		学号	
课程名称			
授课时间	年 月 至 年 月	周学时	学分
简要评语			
考核论题			
总评成绩 (含平时成绩)			
备注			

任课教师签名: \_\_\_\_\_

日期:

- 注: 1. 以论文或大作业为考核方式的课程必须填此表, 综合考试可不填。“简要评语”栏缺填无效。
2. 任课教师填写后与试卷一起送院系研究生秘书处。
3. 学位课总评成绩以百分制计分。