**A U F G A B E der Projektarbeit**

**Non Degree Seeking Exchange Students der ZZU**

**Im Bachelorstudiengang “Computer Engineering“ (ISE)**

**für: Bohao Chu, XXXXXXX**

**gestellt von: Prof. Dr.-Ing. Axel Hunger**

**Thema: Concept of a data base for special entry tests   
to University of Duisburg-Essen**

**Introduction:**

Faculty of Engineering of University of Duisburg-Essen operates a special entrance procedure for students from non-EU countries. Here, applicants who normally would need to attend Studienkolleg, can apply for sitting for an extra exam, which allows them, if they have passed it, to enter studies directly, without doing Studienkolleg.

The procedure for organization of this extra exam is complex and very strict. Therefore, we need a database to capture all steps of this procedure all allow different views on the results. The database needs to allow access via Internet as the exams are done in different foreign countries.

Within this project, a concept for such a database shall be developed in the form of an Entity Relationship Model (ERM). This ERM shall illustrate, how all features of the database will be modelled and how this concept can be implemented in a database.

**Concept and Implementation:**

1. Understanding of the procedures of the extra test
2. Describing the data needed for the procedures in an ERM
3. Giving a concept for some vies onto the database in order to support the use of the database
4. If possible, do some implementation of the database in mySQL

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Aufgabensteller/Betreuer

E R K L Ä R U N G

Hiermit erkläre ich, daß ich die Arbeit bis auf die offizielle Betreuung durch den Aufgabensteller selbständig und ohne fremde Hilfe verfaßt habe.Die verwendeten Quellen sowie verwendete Hilfsmittel sind vollständig angegeben. Wörtlich übernommene Textteile und übernommene Bilder und Zeichnungen sind in jedem Einzelfall kenntlich gemacht

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