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| **CHS - Team 10** | **Cairo University, Faculty of Engineering**  **Computer Engineering Department**  **Introduction to Database Systems - CMPN202** |

**Introduction to Database Systems**

**Analysis Phase Report Proposal:**

**Students Guide System**

**[CHS-Team 10]**

**Tutorial: Thursday 8-11 Number of members: 4**

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**Members' Info:**

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**Submission Date: 27/10/2022**

**Project Goal**

The main idea of our proposal is to create a reliable and trustworthy environment for university students that contains all the data they may need during their college years. Allowing students to get a glimpse about the different departments, subjects, get feedback about the instructors and even get advice from elder colleagues. Instructors can upload a brief about their subjects and the subjects’ content which will allow students to form an opinion about the subjects according to their interests, also, having a brief history about subjects’ grades and past exams would be very helpful for the students. Furthermore, there will be a news feed page for announcements, any recommendations, internships, Q&A [help].

**Project Implementation**

We believe that the best way to implement our project idea is by making a **WEB Application.**

**Users List**

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| **User** | **Possible Functionalities** |
| **Students** | Login - View data - add/delete comment - add course-create timetable - request help - read& write in news feed |
| **Instructors** | Login - View data - add/delete comment - add course data – read& write in news feed [announcements] |
| **Administration** | Login - View data – Remove users – Remove comments – Handle complaints – read& write in news feed [announcements] |
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**Tables & Relations**

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| **Possible Relations** | |
| **Student** | **Course** |
| **Instructor** | **Course** |
| **Prerequisites** | **Course** |
| **User** | **Contacting Details** |
| **Program** | **Coordinator** |

**Entities List**

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