

## CS 513 Software Systems - Enterprise Software Development

### Mini-Project

#### Instructions

1. As part of the course, students have to implement a mini-project involving all elements of full-stack software development.
2. The weight for this component of the course grade is 35% of ESD grade component
3. The mini-project can be done in a group containing no more than 2 members
4. Full database schema covering the entire ERP will be given to you
5. For the assigned use case, all elements of “full-stack” needs to be implemented using a subset of the database schema as needed
6. There is NO NEED to integrate with the use cases of OTHER groups
7. You need to manually populate the pre-requisite data for your specific use case with INSERT statements wherever required (e.g., for course registration details, the master data of students and courses need to be manually populated)
8. You can make your own (reasonable!) assumptions regarding the functional requirements associated with your use case. The user interface and business logic needs to be implemented accordingly.

#### Grading

1. Grading will be done on the basis of **individual** (not group!) demo / viva voce of your use case.
2. Thorough knowledge of the solution implemented is expected
3. One specific change in the use case will be asked. You need to be able to articulate (i.e., explain) how exactly that change will be implemented.