جامعة اليمـامـة
Al Yamamah University

Reflection Document

SWE 312 – Software Construction & User Interface

Banking System Project

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Every day I spent on the project has taught me something new and increased my knowledge. Talking about the database, it was my first time to create one and to use phpMyAdmin, JDBC, and XAMPP, but actually, that was the most pleasurable part as I enjoyed searching for new information and using new tools. I started the project by working with some classmates and we divided the work between us. My job was the initial footstep, I created the database, main GUI pages, coordinators, sign in, and registration.

After I finished, my classmates started to work on their parts. Unfortunately, there was a problem with communicating and understanding each other, therefore in my opinion working on the rest of the project by myself was plan B to finish the project on time. Consequently, I started to work on the remaining requirements to finish the project and I have modified the database to have additional tables for money transactions and beneficiaries. As I progressed through the project I realized that separating some classes would be more effective. So I created some new classes such as SigningIn, Registration, and Transactions classes to separate the coordinators, from communicating with the DBConnection class directly, in addition to creating a new class for the business rules.

During the project I've faced some issues that I overcame on by searching for solutions online for instance, during creating the money transactions methods, I had an issue with dealing with the Home Page layout, so I had to watch some YouTube videos to overcome the obstacle. In a nutshell, the project reinforced the topics I learned through this course and enhanced my expertise dramatically.