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Database Responsibilities

Throughout the entire project, our group had faced many challenges. We decided to split the work up into parts we were comfortable working with. One of our biggest issues when working with the project was based on the EER diagram. There would be many times where in order for a form to work, we would have to change a parameter or constraint for a table. If there was even a small change in the table, we would have to delete the current schema, forward engineer the new EER diagram and then work with the new database/schema until there was another parameter or constraint that we needed to change. Another issue that we had that put our group back a few days from finishing the project was Github. One of our group members always had trouble with pushing and pulling from Github which prevented him from getting the latest code and pushing all of his changes. Another issue that we had was constantly changing the components and forms for the website. Everytime we would provide an input into a form, the form would fetch all of the information but, it would neither update the database nor the database would give the user back any information. In the project, Sarvesh Soni had created the SQL scripts for our sample data, the documentation and manual of the website. Alexander Varghese had created the entire design of the website, the Home page, the login process (fetching and SQL scripts of a user’s credentials) and connected the database to the website. Jonathan Bar-Eli created forms and components for the Administrator and Employees. He created the forms for adding, deleting, searching and updating the employees, vendors and equipment. Dominick Arnaldo created the fetch and SQL statements, routing methods, the implementation of the forms, the AdminPage and EmployeePage. One open issue that we currently have is that if we update/change a current location in the Office Locations table, it will not update the location for all the employees that are assigned to that specific location.