TEST - SOFTWARE DEVELOPER

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| |  | | --- | | **Ekemini Ido** | | 6:23 PM (20 minutes ago) |  |  |
| |  | | --- | | to me | | | |

Dear Ayodele,

Trust this mail meets you well.

Kindly find below a test for you to work on and revert through this mail.

Thanks.

**The Test Data Project contains a set of classes and functions for reading and writing to a database or other data store. In this project, we will create an employee time tracking application to track the time worked for employees that are paid by the hour. Employees will enter their hours worked on some front-end web application. The hours are saved to the database.**

* **Using Microsoft SQL Server, create a relational database schema that will store the data for this project include the table relationships and create scripts with the columns necessary to hold your typical data requirements. For example, there will be a Jobs table.**
* **Create the other tables you will need for the project including the relationships if any.**
* **Create a stored procedure you will need to save employee time entry from a client application.**
* **Create a stored procedure to retrieve an employee's time for each day of each week for the previous four weeks.**
* **If you want to be able to switch your client application to use a different database that is not SQL Server, how will you design the data access code in your application to be database agnostic?**

**All the best.**

With Best Regards,

Ekemini Ido

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