The task is completed using a MVC structure. I have used PHP with my own custom created framework. HTML, CSS, JavaScript and MySQL technologies were used in the assignment as well. I have used three controllers with three views and two models.

The data is stored in a MySQL database and after that is visualized using PDO so it is secured.

The dynamic elements of the index page are refreshed in real time by implementing JavaScript.

The **Total Price** is calculated in a way to apply discount if the **Discoun**t checkbox is selected. The **VAT** is set to 20% as per the requirement and it is calculated over the **Price** applying **Discount** if entered.

There is a method in the invoice model that is checking if there is a duplication of the invoice number entered. In case the user types an invoice number that already exists he or she will be redirected to an “Error page“ for a few seconds.

My intention was to create print preview page where the user should have been redirected if all the required data was entered correctly. However, I came across some issues regarding the combination of both redirecting and exporting word file. The other issue I was not able to resolve is to incorporate the CSS in the export file. Therefore, my alignment went off in the exported file but it works correctly otherwise.

As I have used my own MVC structure instead of using an already existing one, I wanted to make the export model from scratch instead of using PHPWord/PHPdocx libraries. However, I underestimated the task.