**Assumptions and considerations**

**Assumptions**

In this project, there are a few assumptions we have made before we implemented the functionalities.

First of all, we assumed server is always available and in good condition. Whenever user access the back end server, if the method is correct there should always be a response from server. If the server is down, we only provided a time out error page. We did not implement any other server excepting handlings.

Secondly, we assumed we are working in a friendly and safe environment. We assumed no malicious users would attempt to sabotage the system or the back end server by injecting malicious code into the form data. In addition, passwords are stored in database as plain text instead of encrypted data.

**Considerations**

Based on the assumptions and implementations, there are also several points that could be improved.

In terms of performance, there can be some improvements and considerations to use different design patterns. The system should still be able to handle requests and perform functions normally.

In terms of security, encryption can be implemented to protect original code for information hiding, and multiple interfaces can be applied for coding reuse and easy modification.