## Design constraints

Decisions that must be followed, such as languages, processes, prescribed use of tools, architectural and design constraints, purchased components, class libraries, etc.

Standard Development Tools

The system shall be built using a standard web page development tools that conforms to either IBM’s CUA standards or Microsoft’s GUI standards. The languages used will be a mix of the following; HTML, CSS, PHP, JavaScript, Ajax, JQuery, MySQL. As well, bootstrap will be integrated with the system to provide better styling.

Web Based Product

* The use of a dynamically accessible server will be required to store all relevant information from the users, reservations and rooms.
* The computers must be equipped with compatible and supported web browsers (All major web browsers are supported except for Safari)
* The product must be stored in such a way that allows the client easy access to it
* Response time for loading the product should take no longer than 1 minute
* A general knowledge of basic computer skills is required to use the product