BookLoop

Glossary

Version 1.0

Revision History

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Glossary

# Introduction

The glossary document will provide definitions and additional explanations for technical terms used in the Vision, Use Case Model and Supplementary Explanations documentations, in order to avoid ambiguity with terms that might not be familiar to the reader or terms that might have multiple meanings.

# Glossary

|  |  |  |  |
| --- | --- | --- | --- |
| **Term** | **Definition and Information** | **Format** | **Validation Rules** |
| Design | The overall process of creating the structure of the final application product. |  |  |
| Implementation | The overall process of writing the actual code that develops the application following the chosen design. |  |  |
| Maintenance | Process of keeping the application up to date. Might occur for technical issues solving or periodical software updates. |  |  |
| Client side | The part of the system in a client – server architecture that handles the functionality the user has access to. |  |  |
| Server side | The part of the system in a client – server architecture that handles the core functionality of the system, not accessible directly to the user. |  |  |
| Stakeholder | A person, group or company that is directly or indirectly involved in the project and who may affect or get affected by the outcome of the project. |  |  |
| Scalable factors | Aspects of the application that increase over time, with the number of users in the application, stored data etc. |  |  |
| Latency | Delay time between the moment the user triggered an event and the moment the result of that event is visible to the user. |  |  |
| Timeout | When connecting to the database, this represents the maximum amount of time the system should wait before considering the connection failed. |  |  |
| Object – Relational Mapping | Pre-defined libraries, frameworks etc. that handle the mapping of database entities on application defined classes and objects. |  |  |
| SQL injection | Malicious use of the application, attempting to form a badly intended query from the input fields in the application, that would affect the structure of the database. |  |  |
| Firewall | Network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules. |  |  |
| Proxy | A class / system etc. functioning as an interface to some other class / system, masking the actual target. |  |  |
| Cloud server | A cloud server is a virtual server (rather than a physical) running in a cloud computing environment. |  |  |
| Two – factor authentication | Security approach where two layers of safety – ensuring actions are taken. |  |  |
| UI | User interface |  |  |
| UWP | Universal Windows Platform |  |  |
| MVVM | Model View View – Model |  |  |
| MVC | Model View Controller |  |  |
| WPF | Windows Presentation Foundation |  |  |
| API | Application Programming Interface |  |  |