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| Capstone Project Document |
| Online Medical Consultant System |
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# Definitions, Acronyms, and Abbreviations

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| OMCS | Online Medical Consultant System |

# Report No.4 Software Desgin Description

## Design Overview

* This document describes the technical and user interface design of. It includes the architectural design, the detailed design of common functions and business functions and the design of database model.
* The architectural design describes the overall architecture of the system and the architecture of each main component.
* The detailed design describes static and dynamic structure for each component and functions. It includes class diagrams, class explanations and sequence diagrams for each use cases.
* The database design describes the relationships between entities and details of each entity.

## System Architectural Design



Figure 1: MVC Architecture

**(http://www.w3schools.com/aspnet/mvc\_intro.asp)**

**The Model** is the part of the application that handles the logic for the application data.  
Often model objects retrieve data (and store data) from a database.

**The View** is the parts of the application that handles the display of the data.  
Most often the views are created from the model data.

**The Controller** is the part of the application that handles user interaction.  
Typically controllers read data from a view, control user input, and send input data to the model.