Travel Agency

Analysis and Design Document

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Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 24.04.2019 | 1.0 | Project specification + Elboration | Debre Lóránd - Sándor |
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Table of Contents

I. Project Specification 4

II. Elaboration – Iteration 1.1 4

1. Domain Model 4

2. Architectural Design 4

2.1 Conceptual Architecture 4

2.2 Package Design 4

2.3 Component and Deployment Diagrams 4

III. Elaboration – Iteration 1.2 4

1. Design Model 4

1.1 Dynamic Behavior 4

1.2 Class Design 4

2. Data Model 4

3. Unit Testing 4

IV. Elaboration – Iteration 2 4

1. Architectural Design Refinement 4

2. Design Model Refinement 4

V. Construction and Transition 5

1. System Testing 5

2. Future improvements 5

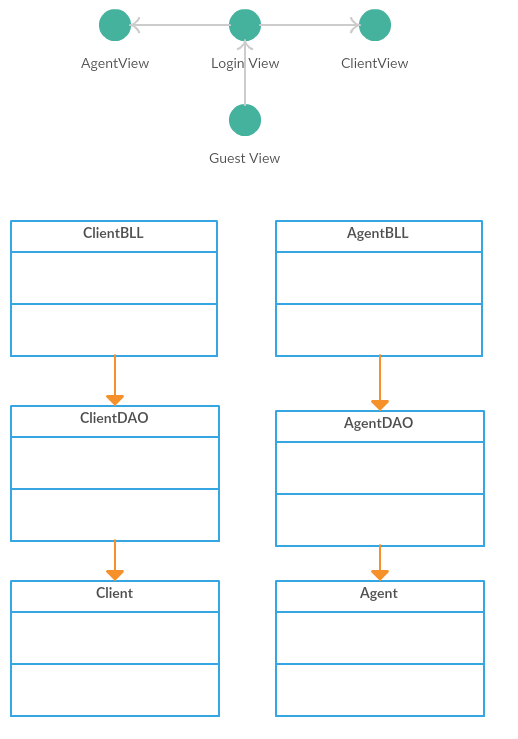
VI. Bibliography 5

# Project Specification

The application is an online web spring application that helps the users to choose the best holiday cottage. The main purpose of the application is to reduce as much as possible the search and booking time. The system also allows the user to see the description of each package, to read the reviews if exists and of course the user has the possibility to add packages to the chart and book them.

# Elaboration – Iteration 1.1

# Domain Model



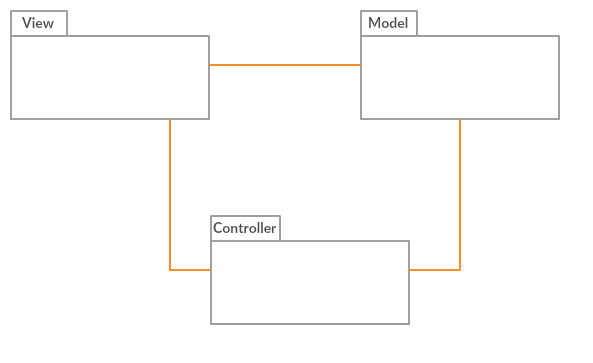
# Architectural Design

## Conceptual Architecture

## MVC – is an architectural pattern used for developing user interfaces that divides an application into 3 interconnected parts. This is done to separate internal presentations of information from the ways information is presented to and accepted from the user.

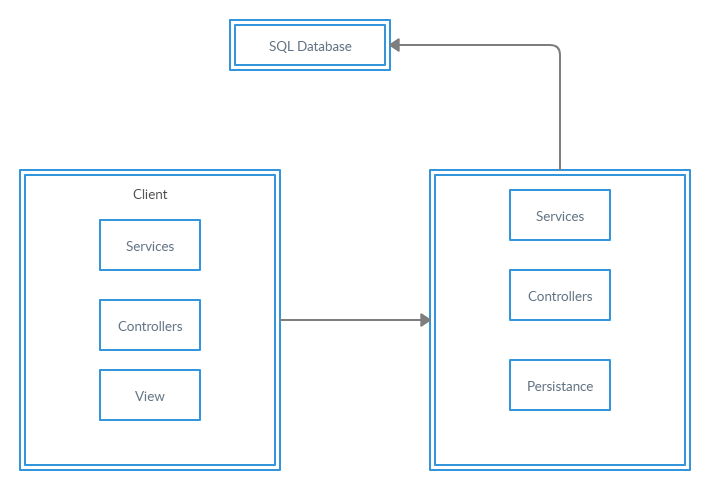
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## Package Design



## Component and Deployment Diagrams

# 



# Elaboration – Iteration 1.2

# Design Model

## Dynamic Behavior

*[Create the interaction diagrams (1 sequence, 1 communication diagrams) for 2 relevant scenarios]*

## Class Design

*[Create the UML class diagram; apply GoF patterns and motivate your choice]*

# Data Model

*[Create the data model for the system.]*

# Unit Testing

*[Present the used testing methods and the associated test case scenarios.]*

# Elaboration – Iteration 2

# Architectural Design Refinement

*[Refine the architectural design: conceptual architecture, package design (consider package design principles), component and deployment diagrams. Motivate the changes that have been made.]*

# Design Model Refinement

## *[Refine the UML class diagram by applying class design principles and GRASP; motivate your choices. Deliver the updated class diagrams.]*

# Construction and Transition

# System Testing

*[Describe how you applied integration testing and present the associated test case scenarios.]*

# Future improvements

*[Present future improvements for the system]*

# Bibliography