Bike portal
Analysis and Design Document
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Revision History

Date	Version	Description	Author
18/Mar/18	0.1	Housekeeping	Ács Dávid

Table of Contents

I. Project Specification

[Present the project specification]

II. Elaboration – Iteration 1.1

1. Domain Model

[Define the domain model and create the conceptual class diagrams]

2. Architectural Design

2.1 Conceptual Architecture

[Define the system's conceptual architecture; use an architectural style and pattern - highlight its use and motivate your choice.]

2.2 Package Design

[Create a package diagram]

2.3 Component and Deployment Diagrams

[Create the component and deployment diagrams.]

III. Elaboration – Iteration 1.2

1. Design Model

1.1 Dynamic Behavior

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

1.2 Class Design

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

2. Data Model

[Create the data model for the system.]

3. Unit Testing

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

IV. Elaboration – Iteration 2

1. 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.]

2. Design Model Refinement

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

V. Construction and Transition

1. System Testing

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

2. Future improvements

[Present future improvements for the system]

VI. Bibliography