Design Document for Bike Garage Pro (Group 33, 2015)

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Contents

1 References

- *Examples and Exercises in the Software Engineering Process*. ETSA01 VT 2015. Deparment of Computer Science, Lund University. March 10, 2015.
- *Software Requirements Specification for Bicycle Garage Pro*. ETSA01, Group 33, 2015.

2 Introduction

2.1 Purpose

This document describes the design of the *Bicycle Garage Pro* software.

The intended audience of this document is primarily the developers responsible for producing and maintaining the software. The document's purpose is to act as a guideline during development.

2.2 Glossary

TODO: Section incomplete.

1. General terms
   (a) BGP - Bicycle Garage Pro (software)
   (b) User - A cyclist who uses the BGP system
   (c) Operator - Subject responsible for managing BGP (on-site)
2. Software-related terms
   (a) TODO
   (b) TODO
   (c) TODO

2.3 Typographical conventions

The following typographical conventions are used in this document:

Italic
: Indicates URLs, section references, and various kinds of titles. Also used for emphasis.

`Constant width`
: Used when listing program code, as well as within paragraphs to denote code elements such as classes, variables, data types, statements, keywords, et cetera.

2.4 Scope

TODO: Fix references.

This document is intented to be read in combination with the project's *Software Requirements Specification* and *Test plan*, both referred to in *section 1: References*.

3 Software design overview

TODO: Provide a high-level overview of the entire document; a kind of summary.

4 Architectural overview

TODO: Describe the system on a high level, i.e. the connection between the operator interface, the database, and the categories of classes.

5 Detailed system description

TODO: Describe the scope and purpose of each class, its data, and its relation to other classes. Refer to one or more UML diagrams in an appendix.

6 (Data design)

TODO: Describe and motivate the use of the chosen data structures...

A Example appendix section

TODO: An UML diagram could be found here, if needed.