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| PS2Win |
| Quality Plan |
| Keep Your Time |

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| Carla Machado  26-03-2013 |

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Table 1: List of Contributors

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| **Revision History** | | | | | |
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Table 2: Version history

# Introduction

# Purpose

The purpose of this document is to describe the quality objectives and standards to follow throughout the project.

# Product

The product to develop is a time tracking tool that allows users to define various tasks and time the execution time of each one. The product also offers an historic of the tasks performed. The product will consist not only of a console application but also an app for Android platform with limited functionalities.

# Processes

Several processes have been defined and are to be followed by the team. All the processes that were defined can be found on the team repository and they are:

* Document Management Process
* Project Planning Process
* Requirements Analysis Process
* Project Assessment and Control Process
* Review Process
* Verification and Validation Process

# Quality Goals

The quality goals for this project are:

* To assure that all the defined process are followed
* To assure that reviews of documents and code are performed
  + Inspection – two inspections should be performed
    - One to the Software Requirements Specification
    - The other to the code. The technical manager should choose a portion of code to inspect. The choice must take into account the complexity of the code and its importance for the application
  + The database model (ER) should be subjected to a Walkthroughs
  + All documents must be subjected to informal reviews (Deskcheck)
* To assure that coding standards are defined and followed by the team
  + The coding standards and conventions to be followed are in the document ?? that can be found in the team repository
* To assure that the developed software is tested
  + Unit testing
    - Unit testing should be made using the testing tools provided by Visual Studio
    - Unit testing will be ad-hoc
  + Acceptance Testing
    - All requirements must be covered by the acceptance tests
    - The acceptance testing will be in accord to the Verification and Validation Process