**Software Design**

**Description**

**for**

**Producers-Consumers Economic Relationships Model**

**Version 1.0**

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**1st April 2012**

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**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason for changes** | **Version** |
| Mateusz Golab | 1/04/2012 | Document created | 1.0 |
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# Introduction

## Purpose

This document describes *Producers – Consumers Relationships Model’s* functionalities. It contains instructions and guides for the developers team. Includes system architecture and components descriptions.

## Scope

The project is desktop application , designed to prepare producers- consumers relationships model and perform simulation.

## References

[1*] Advanced Software Engineering Lecture Notes,* Academic Year 2010/2011 , Dr. Stuart Barnes

[2] *Software Design Specification Example*, B. Hoening, C. Strickland, S. Ayalala, C. Emmons, R.Dhanani, December 2001

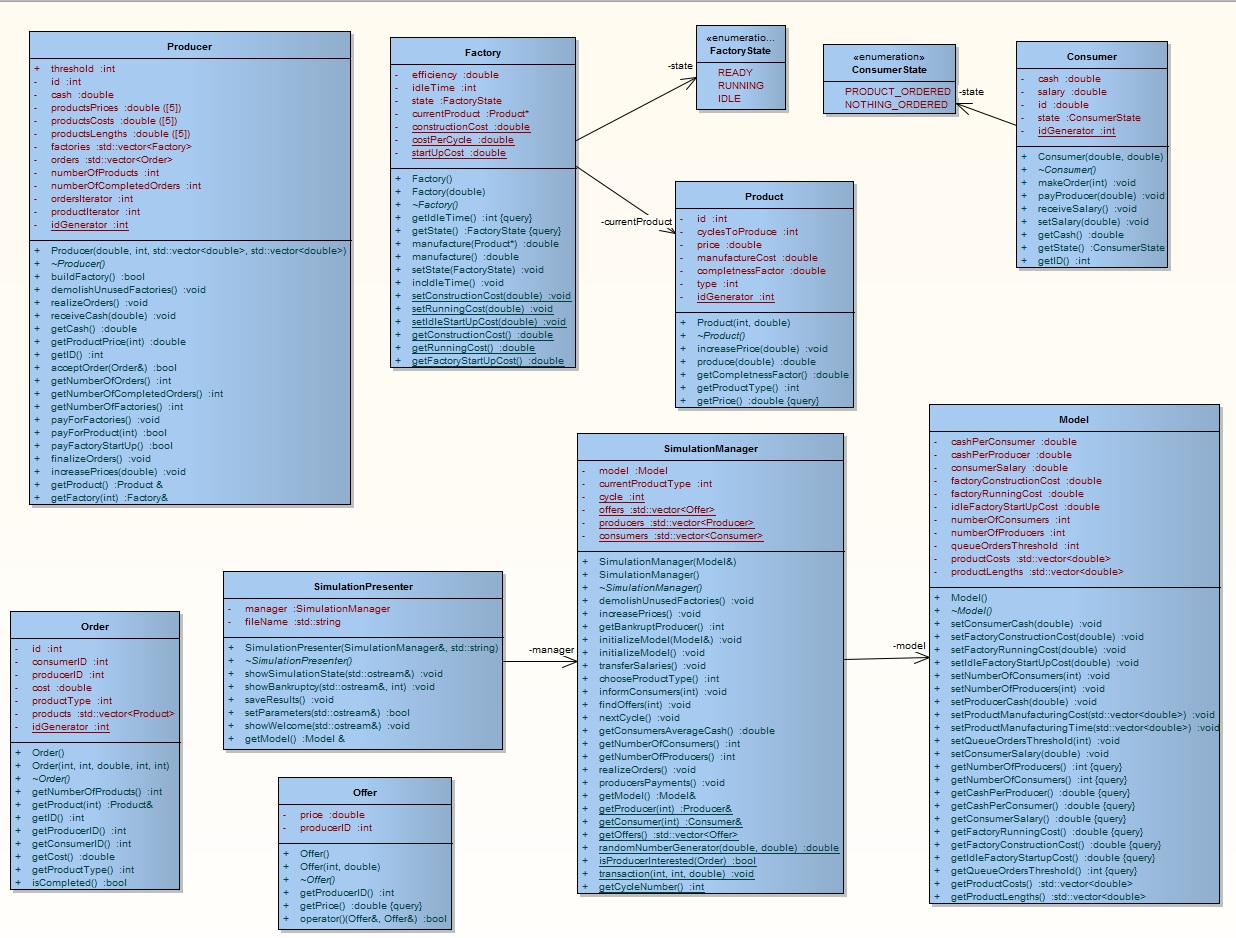
[3*] IEEE Standard for Information Technology – Systems Design – Software Design Descriptions*, IEEE Std 1016-2009, IEEE Computer Society

## 1.4. Glossary

Available in *Software Requirements Specification for Producers – Consumers Economic Relationships Model* document *.*

# System architecture description

## Class diagram



## Overview of components

# Detailed Description of Components

# User Interface issues

# Design decisions and trade-offs