

# **Seminar 1**

**Datalagring, IV1351**

Adrian Jonsson Sjödin  
adriansj@kth.se

November 8, 2022

# Contents

<b>1</b>	<b>Introduction</b>	<b>3</b>
<b>2</b>	<b>Method</b>	<b>4</b>
<b>3</b>	<b>Result</b>	<b>5</b>
<b>4</b>	<b>Discussion</b>	<b>6</b>

# 1 Introduction

The purpose of this seminar is to practice modeling information based on an organizational description that will later be turned into a functioning database. The first step in this is to produce a conceptual model. The creation and reasoning behind this conceptual model is what will be covered in this report.

## 2 Method

- **Transactions**, selling or buying a product or service
- **Products or services**, what is sold or bought in the transaction
- **Roles** of peoples and organizations involved in the transaction
- **Places**, maybe where a transaction is performed
- **Records of a transaction**, for example contract, receipt
- **Events**, often with a time and place
- **Physical objects**
- **Devices**, are probably physical objects
- **Descriptions** of things
- **Catalogs**, where the descriptions are stored
- **Systems**, software or hardware that is collaborating with the system for which we are creating the DM
- **Quantities and units**, for example length, meter, currency, fee
- **Resources**, for example time, information, work force

Figure 2.1: Category list.

*L Lindbäck, A First Course in Object Oriented Development, A Hands-On Approach, 2022*

## 3 Result

## 4 Discussion