# Title: Class and Package Diagram for System C.H.A.T Sub-Title: “Class and Package Diagram PA1435 Object Oriented Design” Date: 2018-04-22

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# System Description

The system is a created to get an overview of different warehouses. A user could for example be a worker at the warehouse that needs to easily get an overview of the current state (were trucks are, current inventory etc.) The main goal is for workers to easily locate where certain goods are stored, and to direct a truck to either fetch or deliver it to a desired location.

Managers of the warehouse, e.g. administrators, can use the system to add new warehouses. Users and administrators (administrators are users with extra privileges) also have the ability to communicate with each other by sending text messages.

## Class and Package DiagramC:\Users\Hermanoo\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Klass Diagram.png

The Core package in our class diagram has the responsibility of handling the connection with the database, managing the internal properties of a given warehouse. This as well as storing the UI window and the databasehandler.

The Goods package has the responsibility of difining the hierarchical structure of goods and what attributes and methods the goods objects have.

The UI package has the responsibility of handling some user events as well as drawing the warehouse and contacting the database when changes to the warehouse occur.

The 3rd party UI library has the responsibility of handling all button, textfield, sliders etc. The UIHome object creates buttons, etc. from the 3rd party UI library and provides lambda functions to be called when components are doing some action.