University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: __1_____

Date: __8th of Feb_____

Group Number: ____98_____

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Milestone 1

Project Description

Domain of the Application

The domain of this application is the shipping industry and involves logistics, parcel delivery, and parcel tracking. In this project we will build a database system that a parcel shipping company could use to manage its orders and deliveries.

Aspects of Domain Modeled by the Database

We are aiming to model the major aspects of a parcel delivery system. This includes different users who would have a role in a parcel's delivery (such as customers, drivers, managers, etc), and information about the order itself (parcel information, tracking updates, etc).

Database Specifications

Functionality of the Database

This database system will allow customers to track their orders as they are being shipped, drivers to update the status of orders as they reach different points en route to their destination, and managers to add/remove users from the database as well as assign pending orders to the appropriate branch and driver.

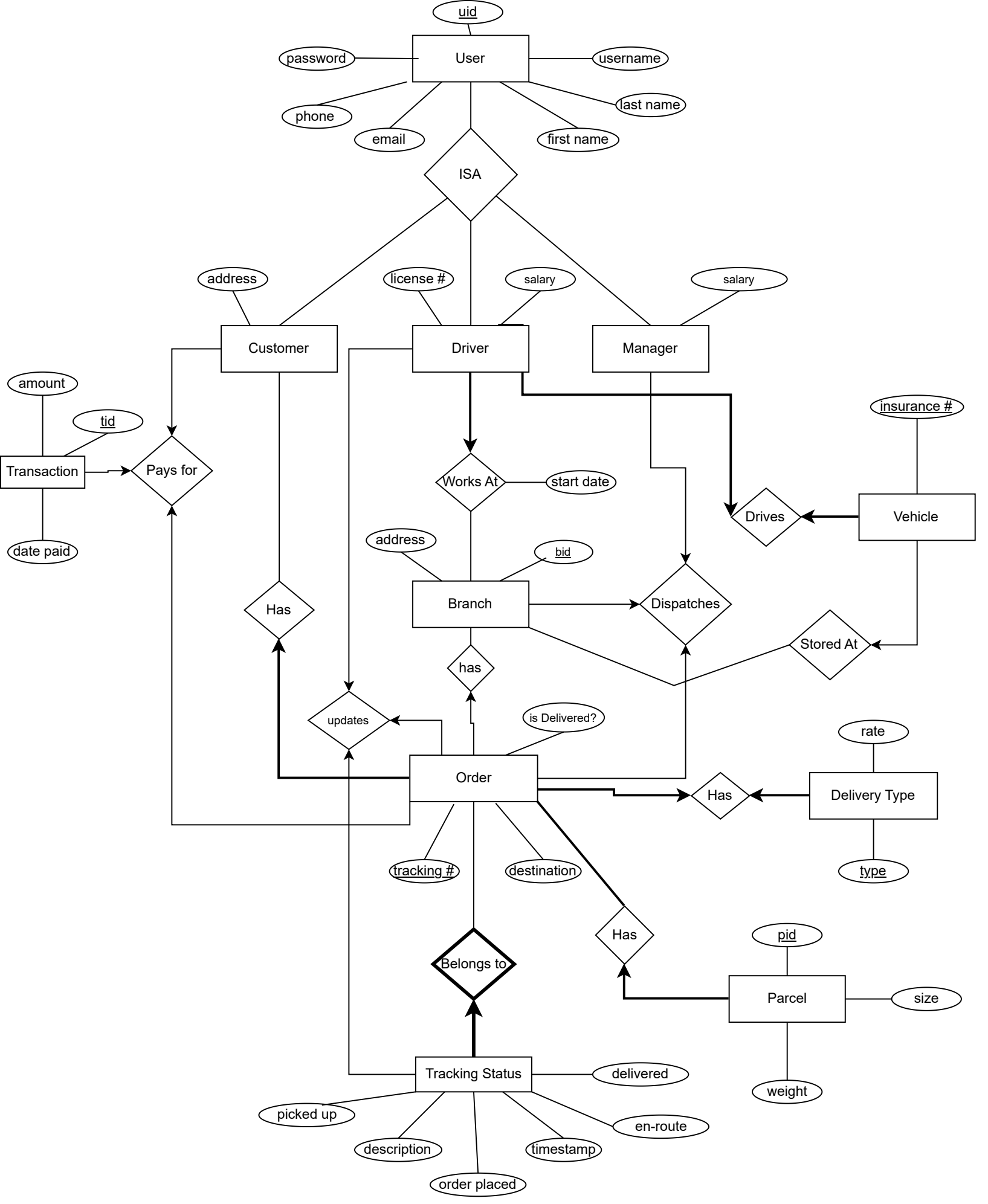
Use Case Example

A use case for our project would be a customer wanting to have a package delivered from one location to another. This system will help the delivering company store needed information to organize and track the delivery of the parcel.

The customer can submit parcel information and an order request to the company. In return, a delivery transaction is priced based on the order details and delivery specifications. A manager assigns the order to be delivered by a driver, who will use a vehicle from a company branch to pick up and deliver the package. Throughout the delivery process, tracking information will be updated and available to the user. When the order has been delivered, the transaction will be complete and the customer will receive notification of its completion.

Application Platform

Java Database Connectivity and Oracle will be the platform for our project. At this point, we are planning on using Java as our sole programming language. We may adjust our tech stack later as the course progresses.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