

CS 314 Domain Modeling In-Class Exercise and Post-Class Assessment

Assignment:

You must complete one task for this exercise:

Task 1. An **in-class** exercise done in **your team**, turning in the *Results Sheet* in this document at the end of class.

The goal of Task 1 is to create a domain model from a textual description of a problem.

Task 1: Create a domain model for the problem statement of RamPark, Inc.

Instructions:

1. Put the names of each person in your group who participated in the in-class activity on the *Results Sheet*. Be sure to turn in this sheet at the end of class to receive credit.

From the pre-class document, here is the problem statement:

RamPark Inc. has been contracted to develop a system for the parking garages at the Ram's new stadium. Drivers can enter with a CSU ID that can be swiped in a card reader. They also have the option of getting a ticket by pressing a button at the entrance. The ticket has the date and time stamp of entering the garage. The system to be developed keeps track of the number of cars currently in the garage and displays a sign showing whether the garage is full or not. Drivers who have tickets can pay the attendant at the gate before leaving the garage. Those who have CSU IDs swipe the card in a card reader at the gate. The system must keep track of the payments being made. It also must provide summaries to authorized personnel regarding the peak garage hours and the number of permits used.

2. Create a domain model for this problem statement.

Results Sheet – DS4 Domain Modeling – CS314 Spring 2016

Team Name: _____

Team members present:

2. Draw your domain model for RamPark.