University of British Columbia, Vancouver

Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 90

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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

Project Description

The domain of this application is the entertainment industry, specifically focused on Disney Resorts. It encompasses various aspects of managing these resorts, their residing theme parks, and the smaller themed “lands” within those. This database will facilitate the efficient management of employee and guest information, and the attractions found in each resort, such as rides and shows.

The database for Disney Resorts covers several key aspects of the domain:

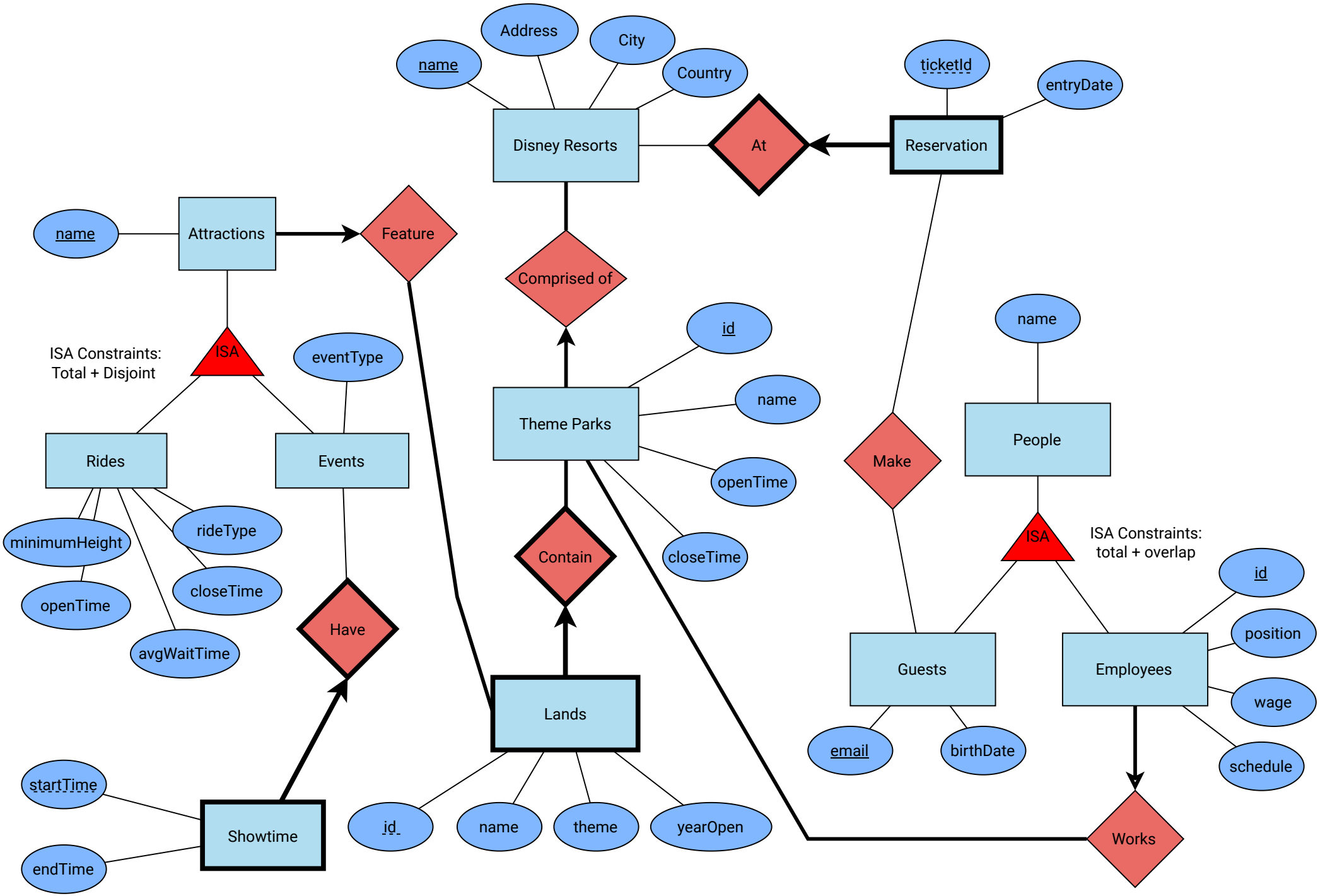
1. Disney Resorts: Maintain a list of currently operating Disney Resorts. For example, Disneyland Resort, Walt Disney World, Tokyo Disney Resort.
2. Theme Parks: Know the different theme parks located at each resort. For example, Disney California Adventure, Magic Kingdom, Tokyo DisneySea.
3. Lands: Each theme park contains various themed “lands”, such as AdventureLand, Main Street USA, and Mickey’s ToonTown.
4. Rides: Store information about the various rides within the parks, such as ride types, height requirements, and their operating hours.
5. Events: Manage entertainment events, including their type (e.g. parade, fireworks, show), and scheduling information.
6. Employees: Track employee information such as wage, scheduling, and roles.
7. Guests: Store guest emails and birthdates.
8. Reservations: Guests can purchase tickets as part of a reservation, which guarantees access to a resort and contains a ticket ID and an entry date.

Database Specifications

The database will allow users to find details about the different Disney Resorts across the world, such as the theme parks and lands offered by each. A user can check their reservation information for upcoming park visits. A user can plan their visit to the park by searching scheduling information for events like parades and fireworks, and check the operating hours and average wait times of certain rides.

Description of the Application Platform

Our project will be using Oracle as our database management system. We are thinking of using JavaScript and React as our technology stack.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