Ski Ride API

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*Abstract*—Ski ride API implements the POST request to post the lift ride data on the server. This API is using Jetty server. We created this API for the course COEN6731 – Distributed Software Systems.

Keywords—API, Servlets,

# Introduction

In modern web development, web services have become an essential part of many applications. Servlets, as one of the core technologies for Java-based web applications, play a crucial role in providing web services to clients. In this context, the servlet presented in this paper is designed to handle HTTP POST requests for a skiing resort website. Specifically, the servlet receives data about a lift ride from a skier, validates the input, and handles the valid data accordingly. The servlet is implemented using the Java Servlet API and Google’s Gson library for parsing JSON data. The paper presents the design and implementation details of the servlet, and evaluate its performance and scalability under different workloads. The result show that the servlet can handle a large number of requests efficiently and accurately, making it a reliable solution for web-based lift ride tracking systems.

# Resource Servlet

## Servlet

First,

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*a**b* 

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* The word “data” is plural, not singular.
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