

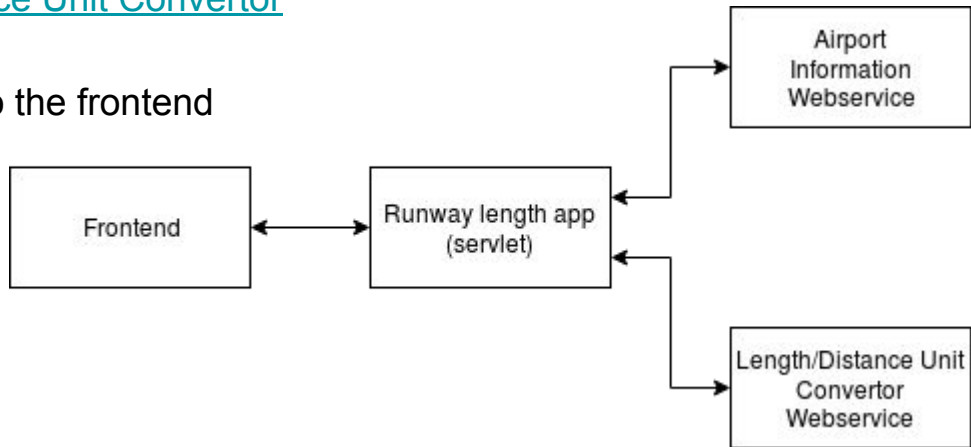
# TIES456 demo 1

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# Runway length app

Fetches airport runway lengths in metres.

- 1) User inputs target city/airport name in the frontend
- 2) Request gets parsed in the servlet; given airport is queried from the [Airport Information Webservice](#)
- 3) Runway length is parsed from the airport information and converted into metres via the [Length/Distance Unit Convertor Webservice](#)
- 4) Converted runway length is returned back to the frontend



- runs at <http://localhost:8080/ServletClientToRemoteSOAPws/>
- sample inputs: “Helsinki Vantaa”, “JYVASKYLA”, “stockholm arlanda”, ...
- used SOAP web services:
  - [Airport Information](http://www.websvc.net/airport.asmx?WSDL), <http://www.websvc.net/airport.asmx?WSDL>
  - [Length/Distance Unit Converter](http://www.websvc.net/length.asmx?WSDL), <http://www.websvc.net/length.asmx?WSDL>

**Runway length client**

The service first searches for the given airport from the [Airport Information Webservice](#). Runway length is then parsed from the return value and converted into metres via the [Length/Distance Unit Converter](#).

CITY/AIRPORT NAME

RUNWAY LENGTH (m)