MICHIGAN STATE UNIVERSITY

Alpha Presentation

BizIQ Flow Map Using Sequential Analytics Data

The Capstone Experience

Team AppDynamics

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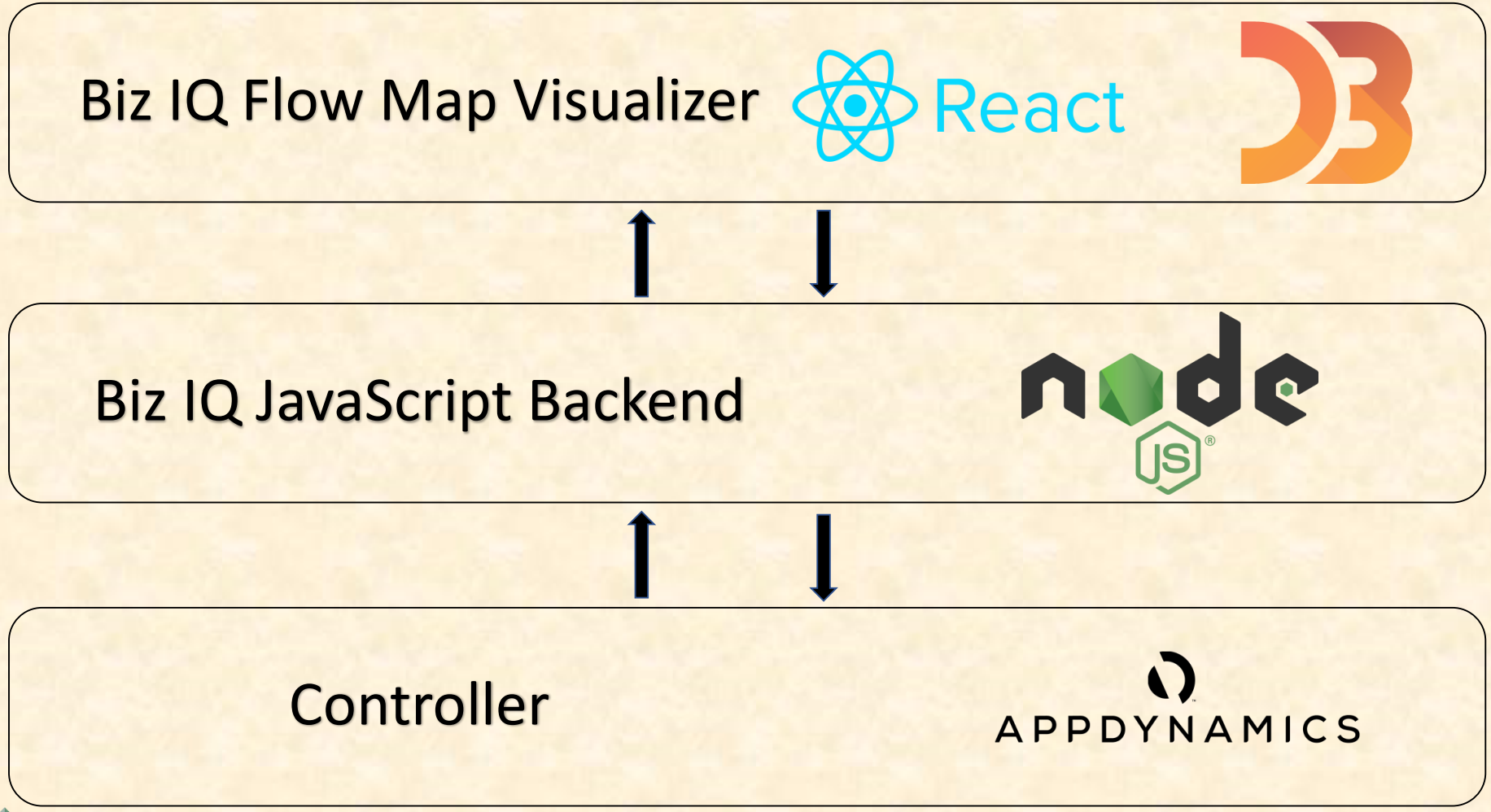
From Students…
…to Professionals

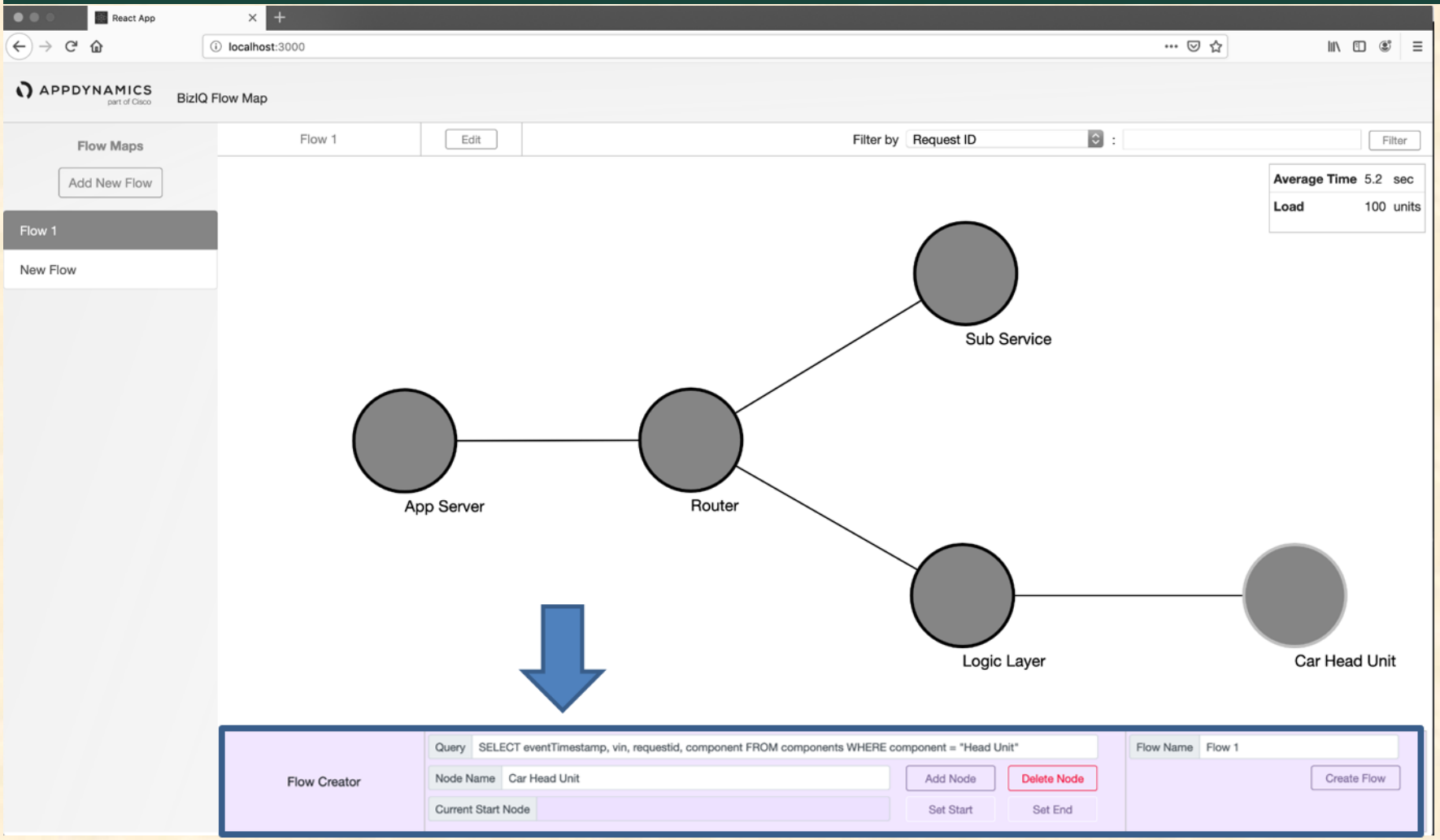
Project Overview

- Users can create a flow map that represents a distinct business transaction
- Helps monitor impact on end user from high level
- Users can create and save multiple flows

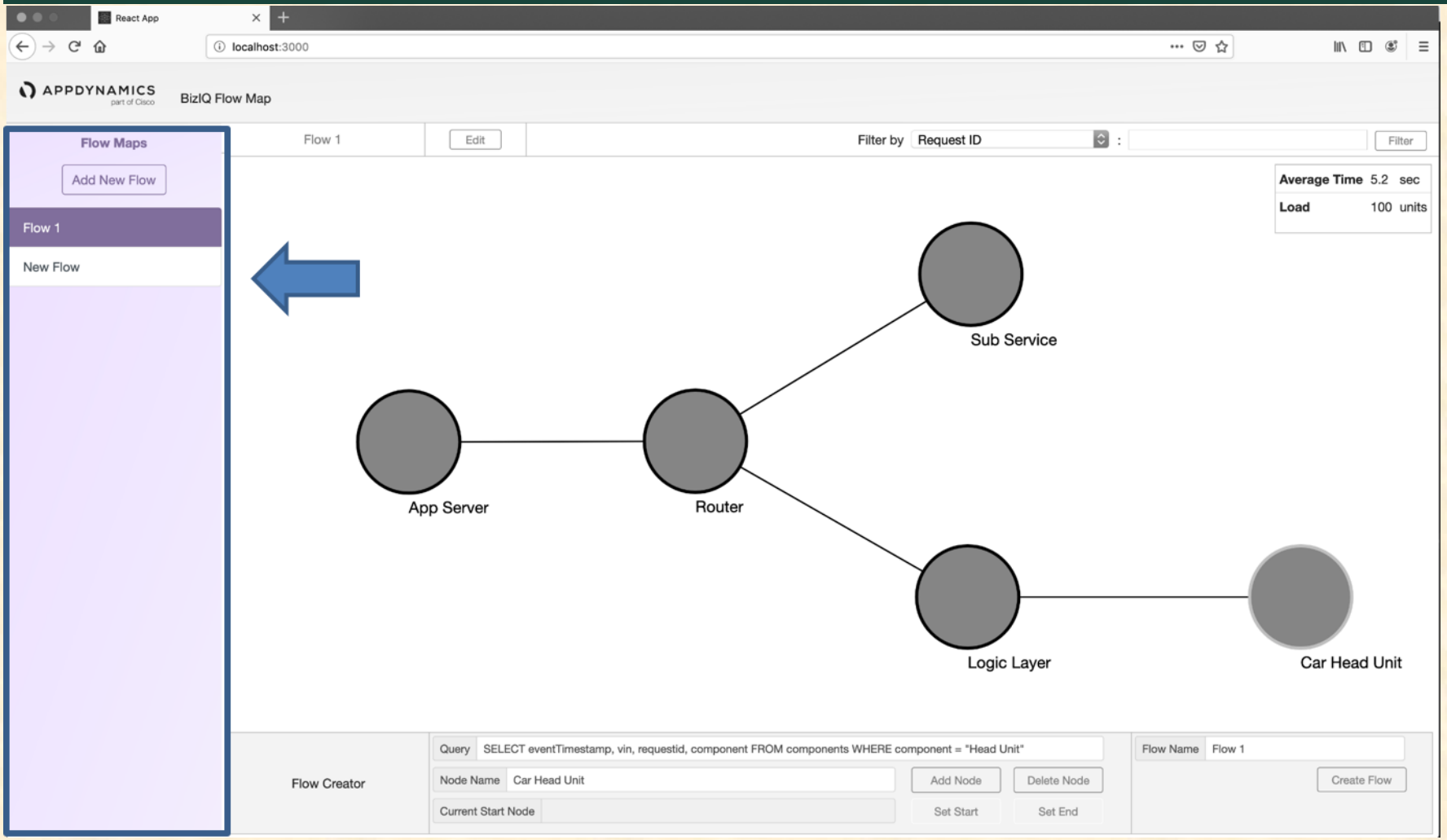
System Architecture



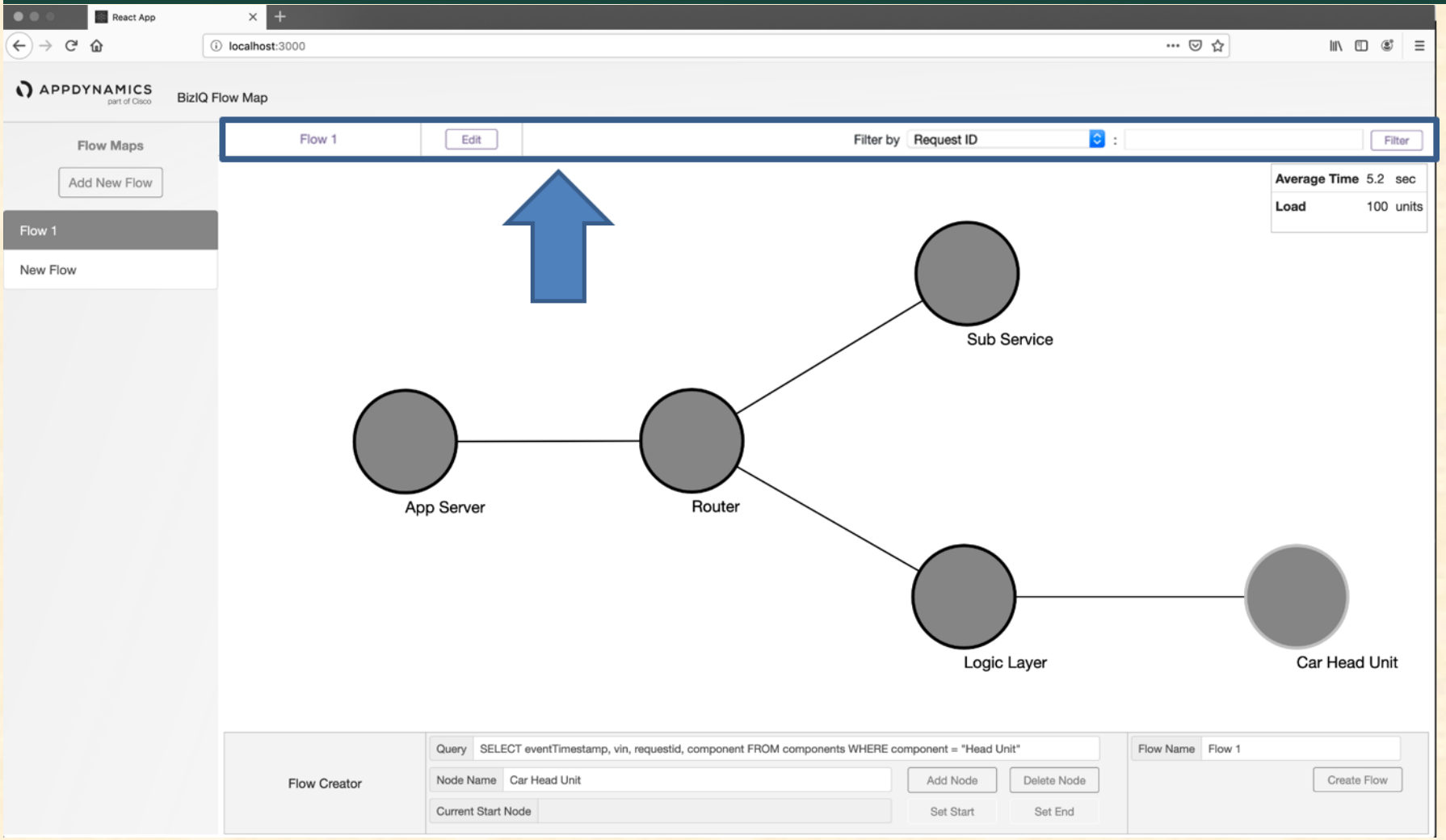
Flow Creator



Saved Flows


React App
localhost:3000
APPDYNAMICS
part of Cisco
BizIQ Flow Map
Flow Maps
Add New Flow
Flow 1
New Flow
Flow 1
Edit
Filter by
Request ID
:
Filter
Average Time 5.2 sec
Load 100 units
Sub Service
App Server
Router
Logic Layer
Car Head Unit
Flow Creator
Query
SELECT eventTimestamp, vin, requestid, component FROM components WHERE component = "Head Unit"
Node Name
Car Head Unit
Add Node
Delete Node
Current Start Node
Set Start
Set End
Flow Name
Flow 1
Create Flow

Filter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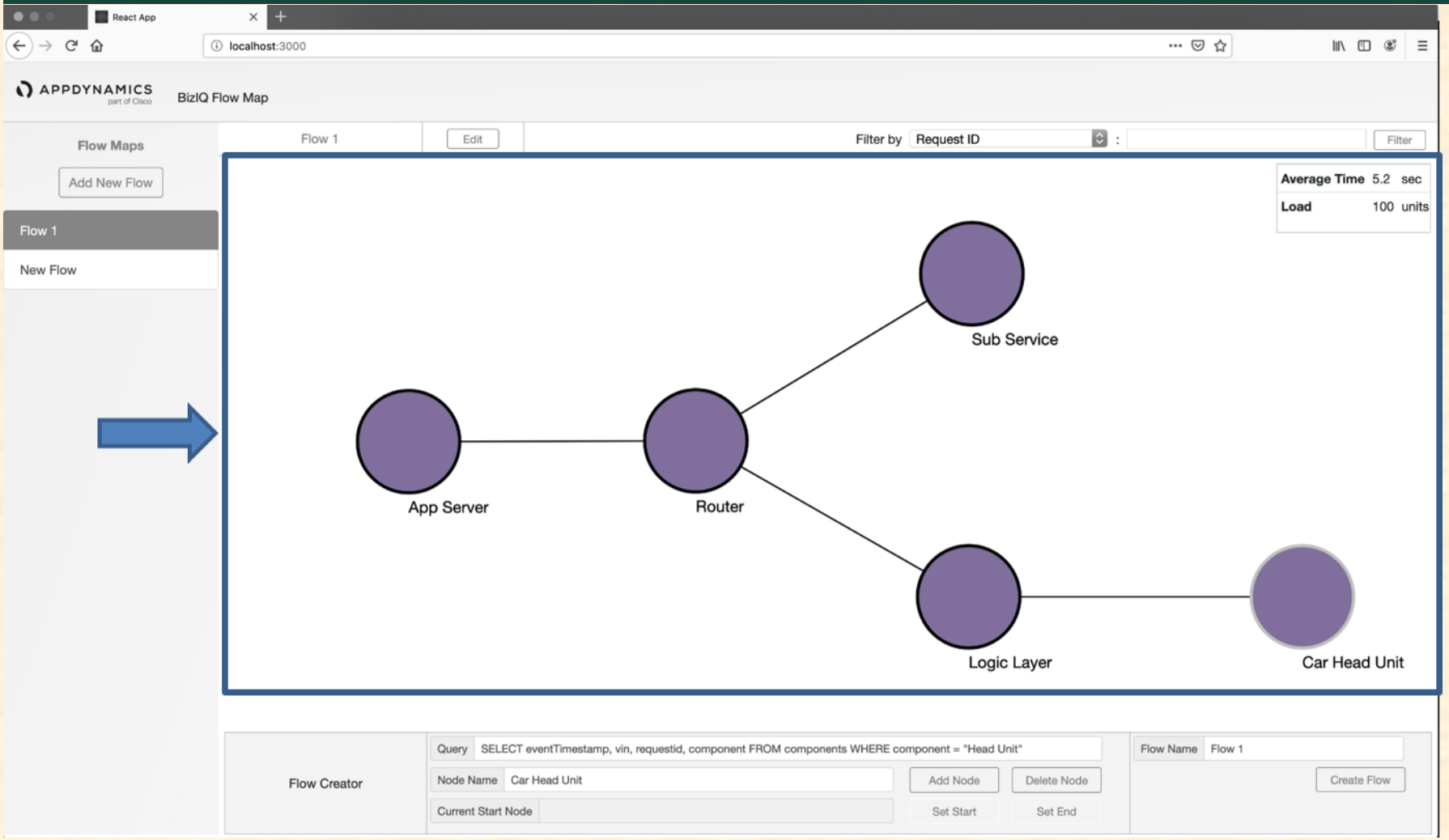
Visualizer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What's left to do?

- Calculate time between all nodes
- Filtering flows by ids and other data points
- Finish zooming feature for visualizer
- Validate / Error Check Queries

Questions?