

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

Dealer Experience Dashboard

The Capstone Experience

Team Ford

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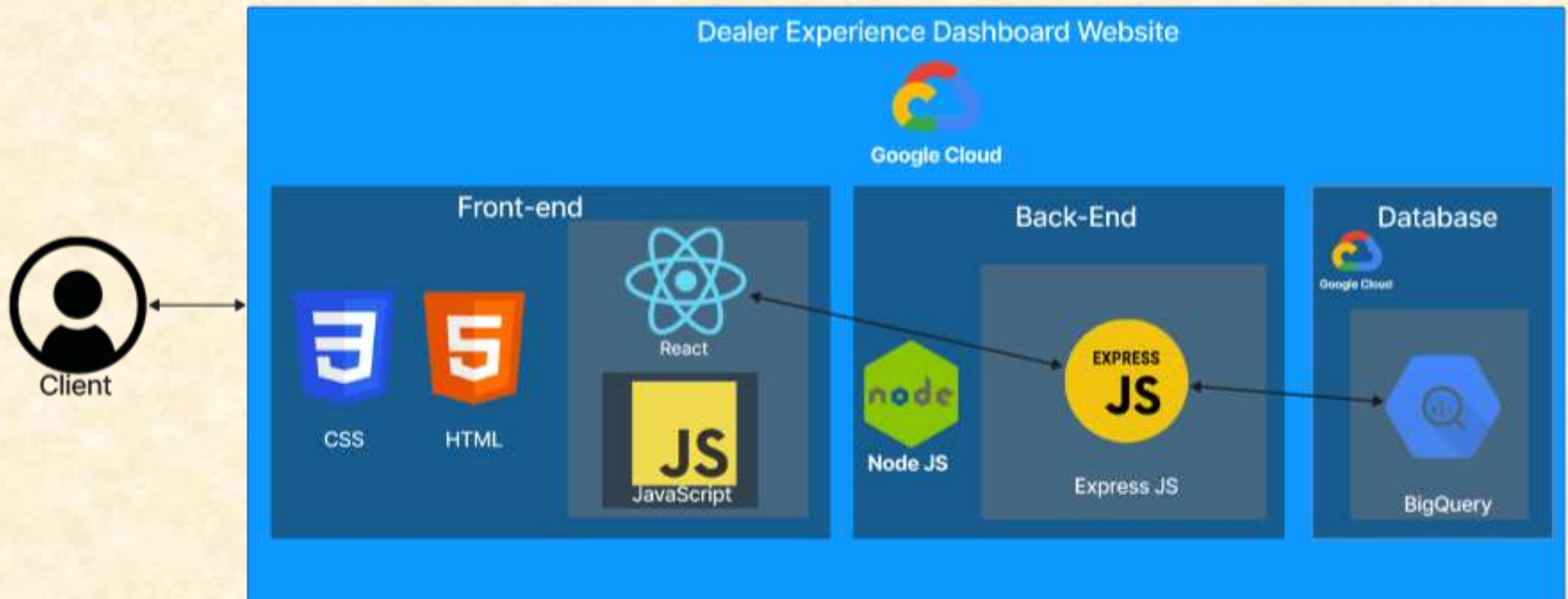
*From Students...
...to Professionals*

Project Overview

- Internalize Dealership Data
 - Ford employees will have a way to view data according to their own relevant needs.
- Data Visualization
- Concise and Convenient Display
 - Employees can specify which tables want to be seen and shared.



System Architecture



View Reports Page

The screenshot shows a web browser window with the URL `localhost:3030/view-reports`. The page is titled "Manage and View Data" and includes a sub-header "View appointments data to manage your team". There are three tabs: "View Reports" (active), "Schedule Report", and "Manage Reports".

The main content area features a "Dealer Performance Dashboard" with a blue header. Below the header is a "Report type" dropdown menu set to "Reservation Metrics". At the bottom of the dashboard are radio buttons for time periods: "Yesterday", "Last 7 days", "Month to Date", "Year to Date" (selected), and "Custom".

Below the dashboard is a "Download Report" link. Further down is a "Table View" dropdown menu set to "All". A list of report categories is displayed below the table view:

- ▼ Dealer Performance Overview
- ▼ Dealer Employee Performance Detail
- ▼ Dealer Performance Details

A dark blue sidebar on the left contains the Ford logo and several navigation icons: a plus sign, a magnifying glass, a clock, a bar chart, a gear, a bell, a person icon, and a profile icon.



Schedule Reports Page

The screenshot shows a web browser window with the URL `localhost:8080/schedule-reports`. The page title is "Manage and View Data" with the subtitle "View appointments data to manage your team". A navigation bar contains three tabs: "View Reports", "Schedule Report" (which is active), and "Manage Reports".

On the left is a dark blue sidebar with the Ford logo and several icons: a plus sign, a magnifying glass, a clock, a bar chart, a gear, a bell, a refresh icon, and a profile icon.

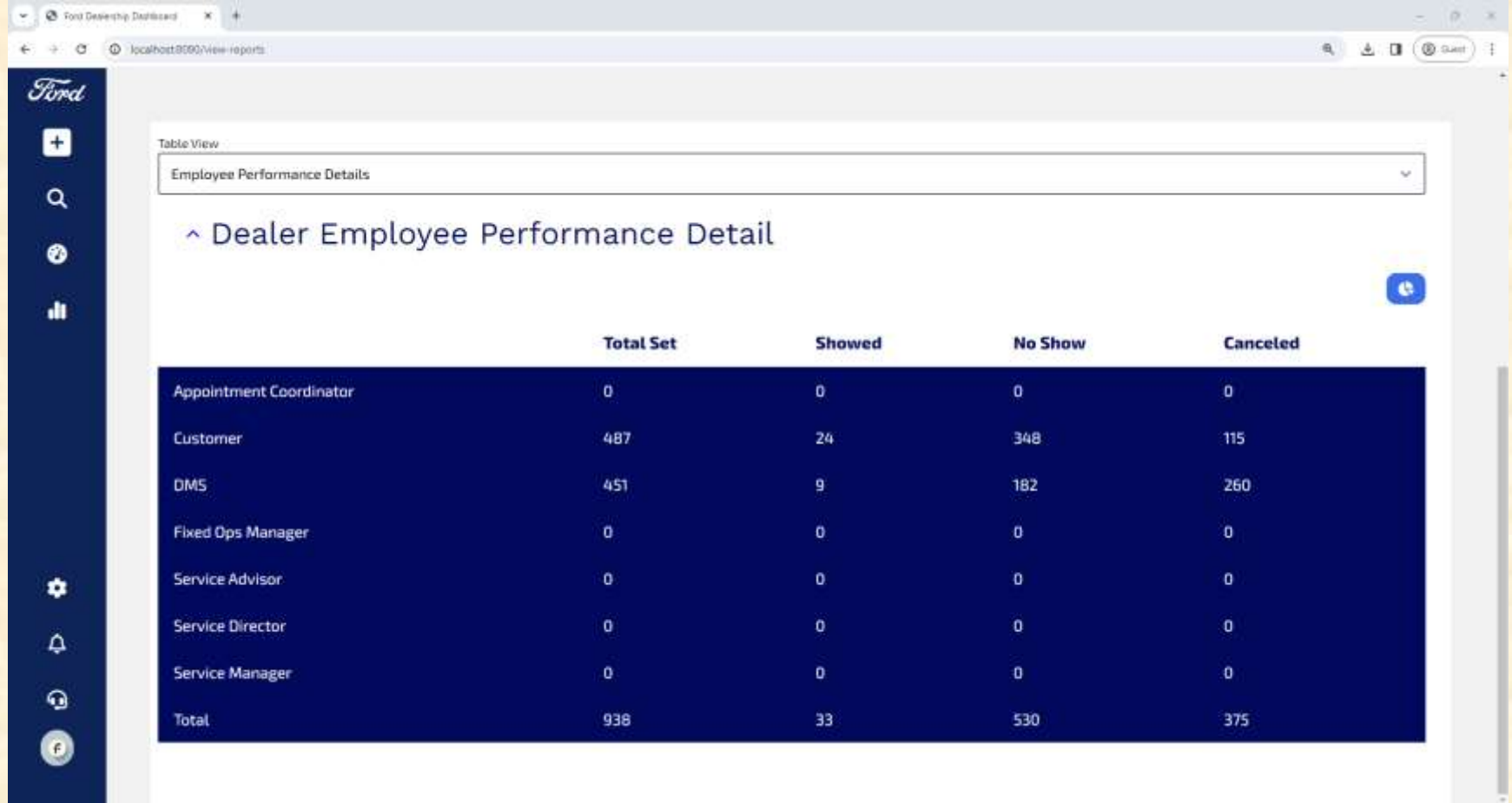
The main content area has a blue header with the text "Stay up to date with the metrics you want delivered to your inbox." Below this are two input fields: "Add/Remove Recipient(s)" with a sub-field "Add Recipient", and "Frequency:" with a dropdown menu currently set to "Weekly".

At the bottom, there is a section titled "Report Type (Select all that apply):" with three main categories, each with a checkbox and a list of sub-items:

- Reservation Metrics**
 - Dealer Performance Overview
 - Employee Performance Details
 - Department
 - Assigned Service Advisor
 - Source
 - Appointment Booking Conversion
- Repair Order Metrics**
 - Repair Order Overview
- Pickup and Delivery Metrics**



Example Table View

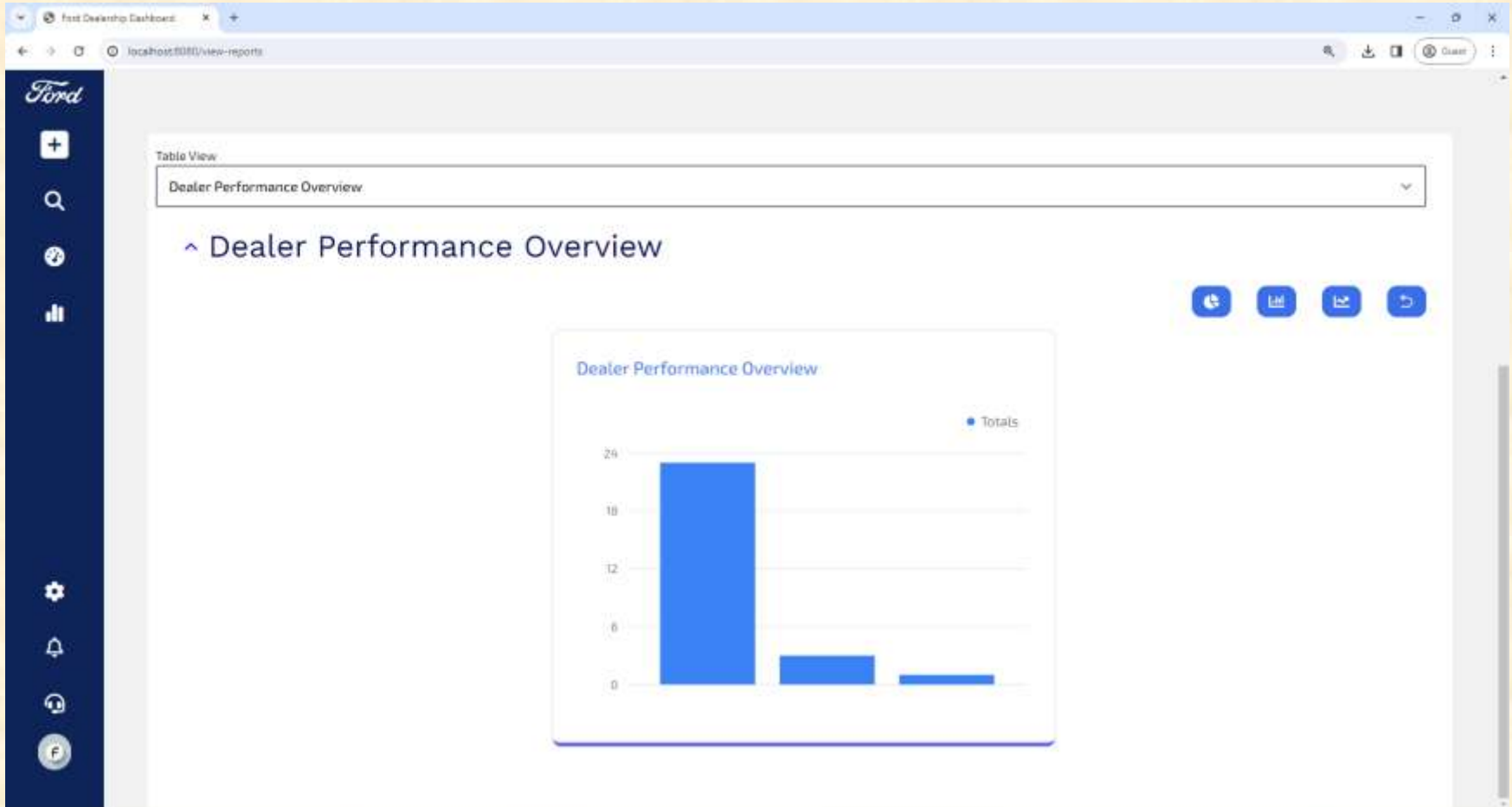


The screenshot shows a web application interface for a Ford dealership. The browser address bar indicates the URL is localhost:8090/view-reports. The page title is "Table View" and the main content area is titled "Employee Performance Details". Below this, there is a section for "Dealer Employee Performance Detail" with a refresh button. A table displays performance metrics for various roles, categorized into Total Set, Showed, No Show, and Canceled.

	Total Set	Showed	No Show	Canceled
Appointment Coordinator	0	0	0	0
Customer	487	24	348	115
DMS	451	9	182	260
Fixed Ops Manager	0	0	0	0
Service Advisor	0	0	0	0
Service Director	0	0	0	0
Service Manager	0	0	0	0
Total	938	33	530	375



Example Graph View



What's left to do?

- Schedule & Manage Report Function
 - Add data to GCP BigQuery
- Summary Page, Compare Data
- Finalize Data Visualization
- Ability to Add New Data for Testing



Questions?

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