

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Voice Transcription API

The Capstone Experience

Team RPM

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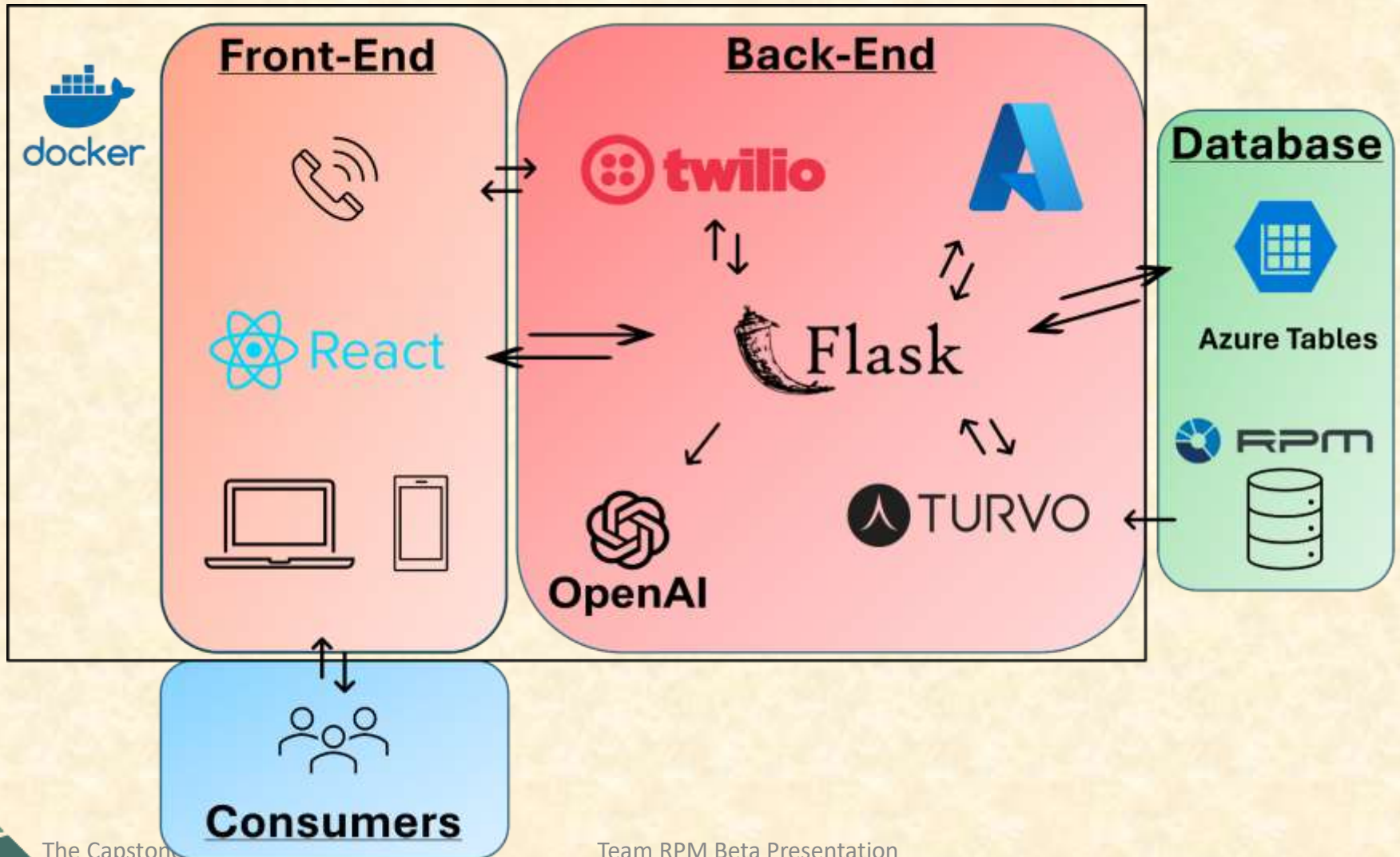
*From Students...
...to Professionals*

Project Overview

- Engineers are experiencing high volume of logistics questions
- Interactive voice assistant with multilingual support
- Reduce workload and increase operational efficiency



System Architecture



Call Logs

The screenshot shows a web browser window displaying the RPM application. The browser's address bar shows the URL `https://rpm-test-app.azurewebsites.net/call-logs`. The application has a dark sidebar on the left with the RPM logo at the top. Below the logo, the sidebar contains a list of navigation items: "Call Logs" (highlighted in blue), "Outgoing Calls", "Dashboard", and "Create Admin". At the bottom of the sidebar, the user's name "joel" is displayed above a blue "Logout" button. The main content area is titled "Call Logs" and features a search input field with the placeholder text "Search...". To the right of the search field are two buttons: "Filter" and "Show Live Calls". Below these is a table with three columns: "Caller Number", "Date", and "Direction". The table contains four rows of data, each with a "View Log" button to its right. The data rows are as follows:

Caller Number	Date	Direction
+15179448993	03/27/2024	inbound
+12487613420	03/27/2024	inbound
+12485131208	03/27/2024	inbound
+15175059454	03/27/2024	inbound

At the bottom of the main content area, there are two buttons: "Previous Page" (disabled) and "Next Page" (active).



Outgoing Calls

The screenshot shows the RPM application interface. The sidebar on the left contains the following items:

- Call Logs
- Outgoing Calls (highlighted in blue)
- Dashboard
- Create Admin

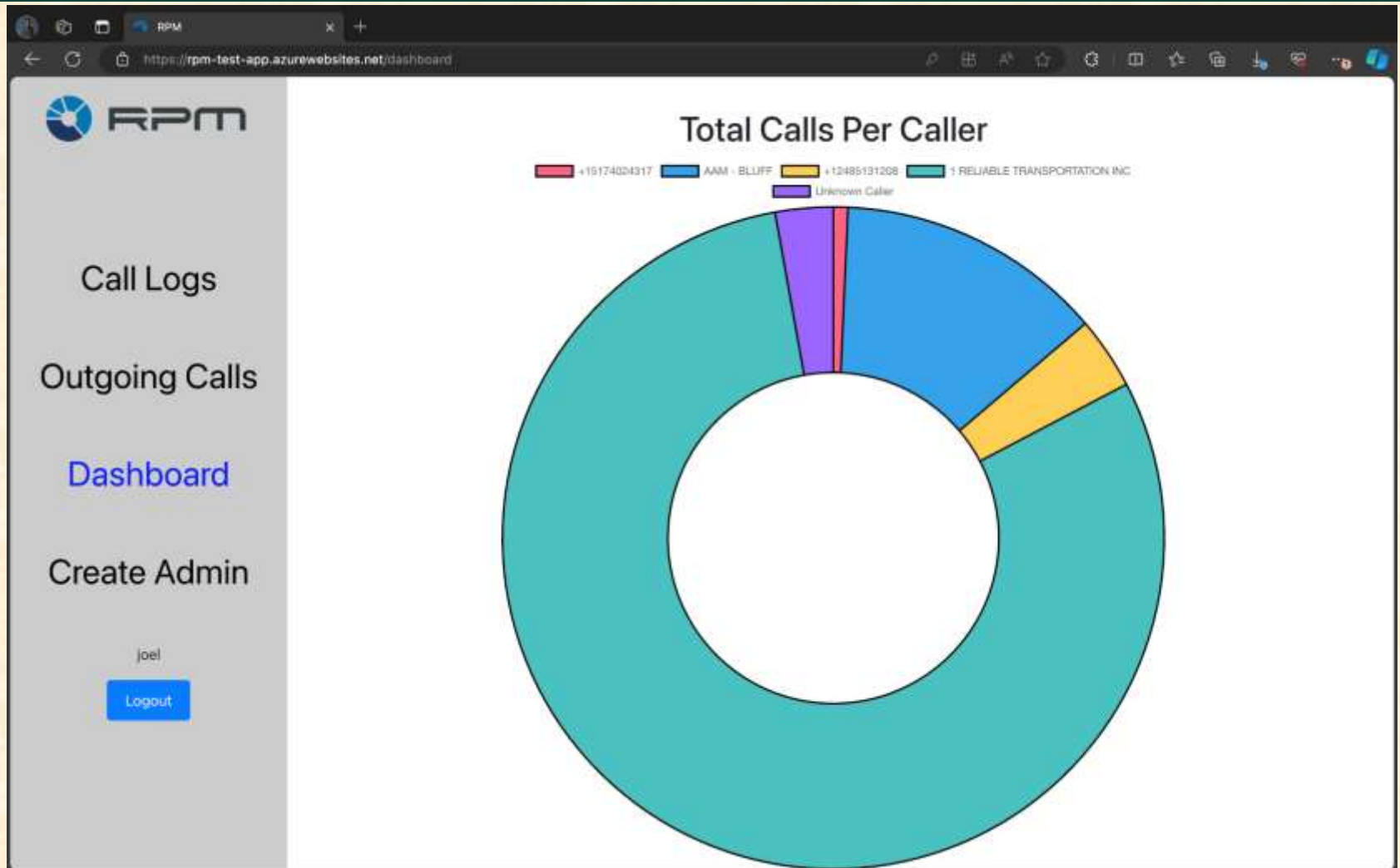
The main content area is titled "Outgoing Calls" and contains a search bar with the text "Search..." and a "Filter" button. Below this is a table with the following data:

Caller Number	Contact Name	Action
+12485131208	Blake Garvin	Make Call
+12487613420	raj	Make Call
+15174024317	Al-Zayed	Make Call
+15175059454	Joel Nataren	Make Call

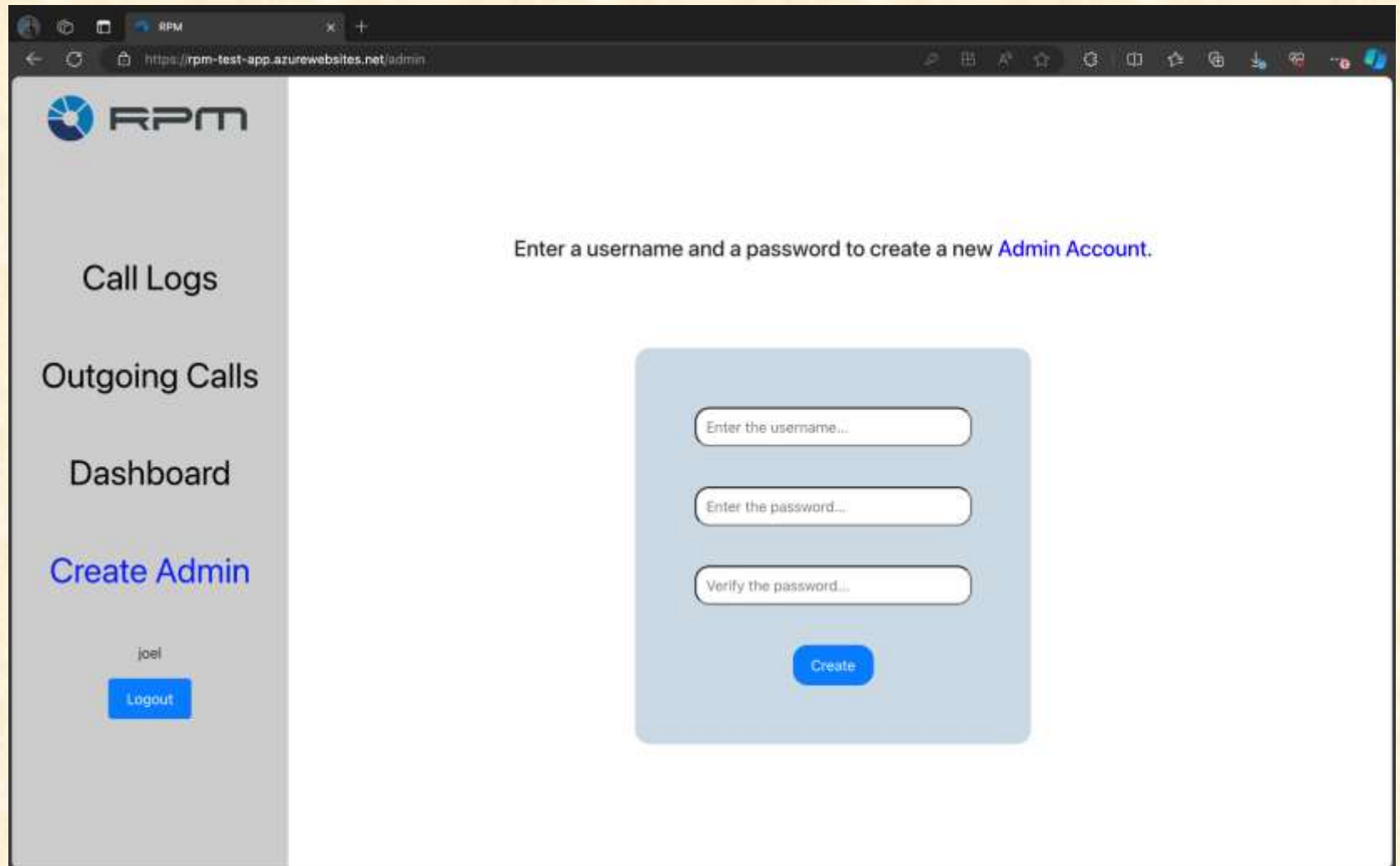
At the bottom of the page, there are two buttons: "Previous Page" (disabled) and "Next Page" (active).



Dashboard



Create Admin



The screenshot shows a web browser window with the URL `https://rpm-test-app.azurewebsites.net/admin`. The page features a sidebar on the left with the RPM logo and navigation links: Call Logs, Outgoing Calls, Dashboard, and Create Admin (highlighted in blue). Below the links, the user name 'joel' and a 'Logout' button are visible. The main content area displays the instruction: 'Enter a username and a password to create a new Admin Account.' Below this is a light blue rounded rectangle containing three input fields: 'Enter the username...', 'Enter the password...', and 'Verify the password...'. A blue 'Create' button is positioned at the bottom of this form.



What's left to do?

- Features
 - Completed
- Stretch Goals
 - Completed RPM's stretch goals
 - Sentiment analysis
 - Call ratings
- Other Tasks
 - Bug fixing
 - More unit testing
 - UI fixes
 - Code refactoring



Questions?

