Assignment 1 - Online Survey System (Non-Ajax)

In this assignment, you have been given the task of developing an online survey system that includes *three interactive charts* of different types. The system should meet the following requirements:

1. Utilize *Bootstrap* for webpage layout and responsive web design to ensure that the system is visually appealing and accessible on different devices.
2. Implement at least *three different types of interactive charts* on separate pages to display the survey results. For this task, you are required to use *amCharts*, a library that provides various charting capabilities. You can refer to the documentation below for guidance on creating *simple bar charts and pie charts* using amCharts:
    - amCharts XY Chart: https://www.amcharts.com/docs/v5/charts/xy-chart/
    - amCharts Percent Charts: https://www.amcharts.com/docs/v5/charts/percent-charts/
3. Implement a backend server using *Express.js* to handle form submissions and render the data visualizations. Express.js is a popular framework for building web applications and APIs with Node.js.
4. Utilize *Azure CosmosDB* as the database for storing the survey responses. Azure CosmosDB is a globally distributed, multi-model database service provided by Microsoft.
5. After the user submits the survey form, the system should return a page that displays the links to the visualizations. This page can provide clickable links or buttons that lead to the separate pages where the charts are displayed.
6. To generate mock survey results, you can use *Mockaroo*, a tool that allows you to create custom mock data. Generate 1000 survey results using Mockaroo, ensuring that the data structure matches the expected format for storage in Azure Cosmos DB.

Additional Remarks:

1. Your work will be evaluated using Google Chrome or Safari browsers.
2. The deadline for the assignment is March 9, 24:00.
3. Email submission is not allowed, and late submissions will not receive marks.