## **Test task - CRM with big data sets**

You are tasked with building a data dashboard using React for a hypothetical user management platform. The goal is to create a responsive web application that can handle a large dataset of users, provide multiple filtering options, display detailed information for selected users, and show their order history. You will be working with user data and order data in JSON format *(Please look at the attached files in the letter from Victoria).*

**Requirements:**

1. **Dashboard page:**
   * Display the list of users in a grid or list view.
   * Each user should show their name, email, and a small avatar image.
   * Implement pagination as infinite list for the list view to handle the large dataset efficiently.
   * Implement virtualization for the list to ensure smooth scrolling.
   * At least three different filters (e.g., age range, gender, location) should be implemented as dropdowns, sliders, or input fields.
   * Apply the filters on the dataset and dynamically update the user list.
2. **User details page:**
   * When a user clicks on a user in the list view, display a details page for that user.
   * The details page should show all available information about the user, including their contact details, address, and any other relevant information.
   * Provide a way for the user to navigate back to the list view.

**Additional for senior level:**

* + On the user details page, display the user's order history.
  + Each order should show order date, order number, and total amount.
  + Orders should be displayed in a list or table format.

1. **Documentation**
   * Provide a README file with instructions on how to run the application and any additional information or considerations.

**Bonus Points:**

* + **Additinal for senior level** - Add lazy loading for User orders
  + Write unit tests for critical components or functions.
  + Display a friendly error message if there are any issues with data loading or filtering
  + Ensure that the application works well on different screen sizes (desktop, tablet, mobile).

**Submission:** You can submit your solution via a GitHub repository or a zip file containing the code and README.

**Note:** You are encouraged to use any third-party libraries or tools that you believe will help you complete the task efficiently. However, it's essential to clearly document and justify your choices in the README file.