**User Guide Instructions About App's Functionality**

1. Open the app:
   * Make sure you have R and the necessary packages installed.
   * Run the code in RStudio or any R environment.
   * The app will open in your default web browser.
2. User Interface:
   * The app consists of a sidebar panel and a main panel.
   * The sidebar panel may contain input controls if needed, but currently, there are none defined.
   * The main panel displays various plots and visualizations based on the Dementia dataset.
3. Plots and Visualizations:
   * The app provides several plots to explore the Dementia dataset.
4. a) Distribution of Age:
   * This plot shows the distribution of ages in the dataset.
5. b) Boxplot of Age by MMSE Class:
   * This plot compares the age distribution across different MMSE (Mini-Mental State Examination) classes.
6. c) Distribution of GDS Scores:
   * This plot displays the distribution of GDS (Geriatric Depression Scale) scores.
7. d) Boxplot of GDS Scores by MMSE Class:
   * This plot compares the GDS scores across different MMSE classes.
8. e) Distribution of Total MNA Scores:
   * This plot shows the distribution of the total MNA (Mini Nutritional Assessment) scores.
9. f) Boxplot of Total MNA Scores by MMSE Class:
   * This plot compares the total MNA scores across different MMSE classes.
10. g) Boxplot of Age by MMSE Class and Gender:
    * This plot compares the age distribution across different MMSE classes and genders.
11. Interacting with the App:
    * The plots and visualizations will update automatically based on the available data.
12. Customize and Extend:
    * You can modify the app code to add additional input controls, plots, or visualizations based on your requirements.
13. Closing the App:
    * To close the app, simply close the web browser window.













