JS Assignment – 1

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QUESTION 1 (50 Marks)

The Patient Tracker Application is a web-based tool designed to help healthcare professionals manage patient information efficiently. Users can add new patient details, view existing records, and receive notifications about actions performed within the application. The app will utilize the Storage API to persist patient data locally, the Notification API to alert users of successful actions, and AJAX to fetch sample patient data from a mock server using the XMLHttpRequest object. Input validation will be performed using regular expressions to ensure that patient information is correctly formatted.

• HTML Structure (10 marks)

• DOM Manipulation (5 marks)

• AJAX Fetching Data using XMLHttpRequest (10 marks)

• Notification API Implementation (5 marks)

• Storage API Usage (10 marks)

• Validation with Regex (5 marks)

• JSON Data Handling (5 marks)

Output:











