Team Budget Planner

GitHub Repository Link:

https://github.com/GeekyAndy/1972435_AnudeepReddyPatlola_TCSMEANStackTraining.git

Report:

This report is in regard to the Team Budget Planner project, as part of the MEAN Stack Training program.

Aim: To develop a website where program managers of a specific team will add details of professional deals they want to have with vendors. The finance team will check the expenses of those teams and will decide their annual budget.

Project:

In this project, I created a html file named mainPage.html and used div containers for each of main page, project managers and finance teams pages. I used anchor tags to move to the other pages. In the project managers page, I used form objects to input data. I then used session storage concept in JavaScript file main.js to capture the input values provided. On clicking on the Add button on the Project Managers page, the table created in the Financial Teams page will be populated.

In the Financial Teams page, I created a table inside the div container. I used getItem() from sessionStorage to retrieve the values given as input and displayed it in the respective cells in the table. As we are using session storage concept, these values are not lost when the user moves from one page to another, until the user closes the application.

JSON.stringify() – This method converts a JavaScript object or value to a JSON string, optionally replacing values if a replacer function is specified or optionally including only the specified properties if a replacer array is specified.

JSON.parse() – This method parses a JSON string, constructing the JavaScript value or object described by the string. An optional reviver function can be provided to perform a transformation on the resulting object before it is returned.

The usage of JSON.stringify() and JSON.parse() methods play a major role in retrieval of the data between the pages. These methods convert the array of items to strings to help in session storage and then converts the strings to JSON objects to retrieve from the storage. Thus, the major goal of displaying the vendors data on the Finance Teams page is reached.