



FRONTEND DOCUMENTATION

Team- TechBrewers

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Homepage Folder:

1. ****index.html:**** The core HTML file shaping the homepage's structure, containing links to external CSS stylesheets, JavaScript files, and images, defining the page's content and layout.
2. ****script.js:**** A JavaScript file tightly integrated with the homepage, responsible for adding functionality to a specific button (identified by the ID "myButton"), enabling users to navigate to another HTML page called "user.html" upon button click.
3. ****style.css:**** A crucial CSS file that defines the visual presentation of the homepage, encompassing elements such as background design, typography (fonts), color schemes, and the layout of header, navigation, main content, and footer.

Login Page Folder:

1. ****login.html:**** An HTML file representing the login page, complete with a user input form for entering user ID and email. It connects to external CSS for styling and a JavaScript file for dynamic behavior.
2. ****loginJS.js:**** This JavaScript file plays a pivotal role in handling user login interactions. It validates user input against a predefined list of users (presumably in a sampleUsers array), redirects users based on their user type (admin, manager, member), and displays error messages for incorrect credentials.
3. ****loginStyle.css:**** A CSS file responsible for styling the login page, defining its visual elements, such as background images, fonts, color palettes, and form layout.

Manager Folder:

1. ****Manager.css:**** A CSS file that defines the visual design of the Manager page. It styles the manager's personal information, lists of scheduled meetings, and the "Organize Meeting" button.
2. ****Manager.html:**** An HTML file dedicated to displaying the Manager's information, including their name, email, and last login date. It also presents a list of scheduled meetings with detailed information like meeting room data and ratings. Moreover, it provides an "Organize Meeting" button for managers to initiate new meetings.
3. ****Manager.js:**** This JavaScript file is essential for showcasing scheduled meetings and handling interactions with the "Organize Meeting" button. It incorporates a sample list of meetings and a function to render these meetings on the page. When the "Organize Meeting" button is clicked, it directs the manager to a page for creating meetings.

Member Folder:

1. ****membercss.css:**** A CSS file primarily responsible for the styling of the Member Meeting page. It manages visual aspects like background imagery, font styles, table formatting, and button appearances, with a focus on meeting participation.
2. ****member.html:**** An HTML file exclusively dedicated to the Member Meeting page. It provides a tabular representation of scheduled meetings, complete with columns for Meeting ID, Title, Date, Time, Location, and an action button enabling members to "Join" meetings. Sample meeting data is included as table rows.

"Organize Meeting" Page (manager.html, mscript.js, mstyles.css):

- **manager.html:** This HTML file serves as the "Organize Meeting" page, designed to facilitate meeting creation and management by managers.

It houses a comprehensive form containing fields for specifying meeting details such as Title, Meeting Date, Start Time, Duration, Meeting Type, and a mechanism for searching and adding members. Additionally, it permits the selection of meeting rooms. On form submission, JavaScript validation routines ensure the correctness of meeting details, including adherence to business rules. Error messages are presented if validation fails.

- **mscript.js:** The JavaScript counterpart to the "Organize Meeting" page.

It encompasses functions for validating form data, confirming future meeting dates, checking room availability, verifying seating capacity, ensuring adequate manager credits, and validating the suitability of selected amenities for the meeting type. The script also handles the addition of selected members and supports member searches. Ultimately, it takes charge of form submission, executing it only when all validation criteria are met.

- **mstyles.css:** The CSS file dedicated to enhancing the visual presentation of the "Organize Meeting" page. It dictates background styles for the page body, customizes the appearance of the card housing the meeting organization form, aligns form elements within the card, and applies styling and spacing to form controls and buttons.

Admin Folder (Admin.css, Admin.html):

- **Admin.css:** A CSS file responsible for meticulously styling the admin page, including the definition of styles for elements such as the page body, the admin page container, card headers, buttons, and other UI components. It also dictates background images and gradients.

- **Admin.html:** An HTML file representing the admin page, intricately designed to incorporate links to the Bootstrap CSS framework and the `Admin.css` file for comprehensive styling. The page showcases information pertaining to an admin user, encompassing their name, email, and last login date. Additionally, it offers an inventory of meeting rooms and a seamless link to create new ones.

User Folder (Meeting Room Creation, Meeting.html, Meeting.js, Meeting.css):

- **Meeting.css:** A CSS file with a specific focus on styling the meeting room creation page. It takes charge of background colors, font styles, form elements, checkboxes, buttons, and more. It defines visual styles for various sections of the page.

- **Meeting.html:** An HTML file crafted to serve as the meeting room creation page. This comprehensive page integrates links to the Bootstrap and jQuery libraries, as well as the `Meeting.css` file for meticulous styling. The page allows users to input data required for creating meeting rooms, including room name, seating capacity, meeting type, and extra amenities. It also displays different meeting types and their associated amenities.

- **Meeting.js:** JavaScript functionality intricately intertwined with the meeting room creation form. It oversees form submission, client-side validation for ensuring data integrity (e.g., non-empty room name, positive seating capacity, and valid

amenities for the selected meeting type), and placeholder calculations for charges. Additionally, it generates unique IDs and provides user feedback on the outcome of the submission.

User Folder (Dashboard, User.html, User.js, User.css):

- ****User.css:**** A CSS file meticulously responsible for enhancing the visual appeal of the user dashboard page. It governs fonts, color schemes, and layout aspects, harmoniously uniting various UI elements.

- ****User.html:**** An HTML file designed to deliver a personalized user dashboard experience. It seamlessly integrates links to the Bootstrap and jQuery libraries, as well as the `User.css` file for thorough styling. The page proudly displays user-specific information, including the user's profile picture, name, email, and account type. Furthermore, it offers a navigation menu with links, enabling users to access different sections of the dashboard.

- ****User.js:**** JavaScript functionality dedicated to breathing life into the user dashboard page. It orchestrates dynamic content loading, enabling smooth user interactions within the dashboard. Functions may include handling navigation menu clicks, facilitating the loading of various dashboard sections, making AJAX requests to retrieve and display user-specific data, and incorporating logic for user logouts or profile updates.

User Profile Page (Profile.html, Profile.js):

- ****Profile.html:**** An HTML file designed exclusively for presenting and editing user profiles. It seamlessly links to the Bootstrap and jQuery libraries and the `User.css` file for styling. The page gracefully showcases user profile details like name, email, and profile picture. It also offers functionality to edit these details.

- ****Profile.js:**** JavaScript functionality specifically tailored for the user profile page. It assumes responsibility for processing profile form submissions and performing

client-side validation to ensure the accuracy of user-provided data during profile editing.

Userdata.xml: An XML file containing user-related data that may be accessed and utilized by various components of the system for user-related operations and data management.
