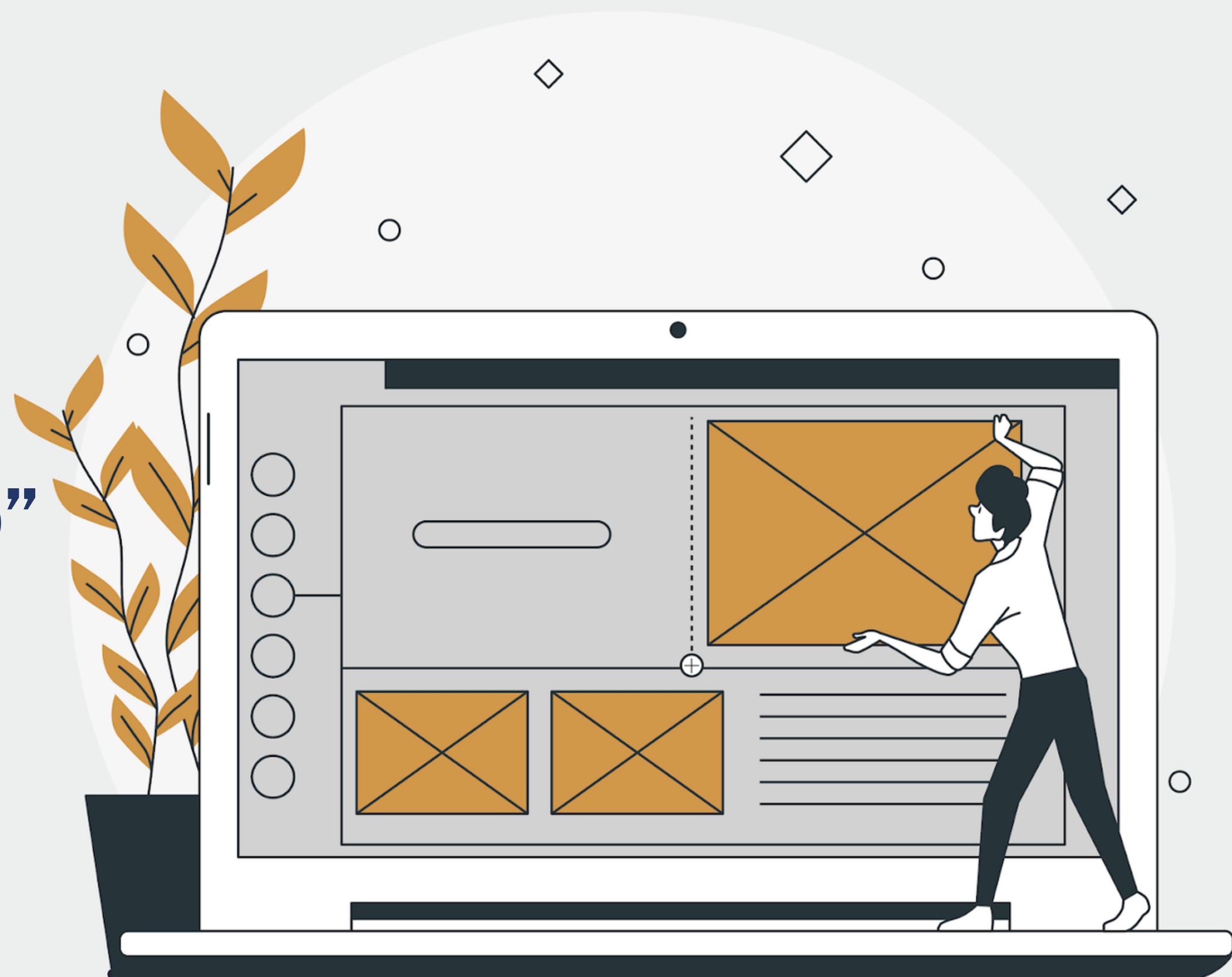




“Calendar Scheduler App”

Task - 2



Calender Scheduler APP

Schedumate is a user-friendly calendar scheduler app that helps you effortlessly manage your schedule and appointments. Key features include easy scheduling, cross-device syncing, smart reminders, customization, collaboration, to-do lists, event suggestions, weather integration, and robust data security.

| LMS USERNAME | NAME | BATCH |
|----------------|-------------------|-------|
| au910020104011 | DEEPTHIPRIYA R | CC2 |
| au910020104012 | DHARSHIKA R S | CC2 |
| au910020104023 | LAKSHMANA PRIYA A | CC2 |
| au910020104310 | SANTHOSH SIVAN S | CC2 |



Component Structure :

App Component :

- **Message Area** :
index.js
MessageArea.css
MessageArea.js
- **Scheduler** :
index.js
Scheduler.css
Scheduler.js
- **Toolbar** :
index.js
MessageArea.css
MessageArea.js

App Component :

MessageArea.js

- **Description:** Manages the display and interaction with messages or notifications within the app.
- **Functionality:** Handles the rendering of messages and any related user interactions.

Scheduler.js

- **Description:** The core component responsible for scheduling and managing events.
- **Functionality:** Renders the main scheduling interface, allowing users to view, create, and interact with scheduled events.

Toolbar.js

- **Description:** Provides a toolbar or navigation bar for quick access to important features.
- **Functionality:** Contains buttons or controls for actions such as navigating between views, accessing settings, or other relevant functionalities.

Stepwise Description :

Folder Structure:

- Organize components in dedicated folders with JS, CSS, and index files.

Component Logic:

- Define component functions, implement logic, and manage state or props.

Styling:

- Create CSS files for styling, following methodologies like BEM or SMACSS.

Testing:

- Write unit tests using libraries like Jest and React Testing Library.

Documentation:

- Add comments for clarity within code and create READMEs for reusable components.

Integration and Version Control:

- Integrate components, handle lifecycle methods, and use version control with descriptive commits.

Evaluation Metric :

Usability :

- Evaluate task success rates and user satisfaction through usability testing.

Performance :

- Measure load times and responsiveness of UI components for optimal user experience.

Accessibility :

- Assess compliance with accessibility standards and compatibility with screen readers.

Code Quality :

- Regularly review codebase for adherence to standards, clarity, and maintainability.

Scalability :

- Test components under increased loads to ensure scalability as the application grows.

Cross-Browser Compatibility :

- Verify consistent rendering and functionality across various browsers.

Summary :

The calendar scheduler app streamlines scheduling with a user-friendly interface, cross-device syncing, and collaboration features. Key aspects include customization, to-do list integration, and automated event suggestions. Security measures prioritize user data protection. Through a strategic launch and continuous user feedback, the app aims for an optimal and secure scheduling experience.

UI Design :

The screenshot shows a web-based calendar application with the following details:

- Header:** Two tabs labeled "React App" are open in a browser window. The address bar shows "localhost:3000". Other tabs visible include "Gmail", "YouTube", "Maps", "Simple Linear Regre...", "988523 - Google Se...", and "(PDF) Aspects of GR...".
- Toolbar:** Includes a "Time format: 24h" button, navigation arrows for "TODAY", and a user profile icon.
- Calendar View:** Displays the week from November 6 to November 12, 2023. The days are labeled: Mon, November 6; Tue, November 7; Wed, November 8; Thu, November 9; Fri, November 10; Sat, November 11; and Sun, November 12.
- Time Grid:** The vertical axis shows hours from 00:00 to 05:00.
- Event:** A blue event block is present on Sunday, November 12, from 12:20 AM to 12:25 AM, labeled "DIWALI".
- Sidebar:** A "Messages:" section at the bottom left contains the text "Messages: [REDACTED]".

File Edit Selection View

React App React App +

localhost:3000

Gmail YouTube Maps Simple Linear Regre... 988523 - Google Se... R^E (PDF) Aspects of GR...

Time format: 24h

DAY WEEK MONTH < TODAY >

13 Nov 2023 – 19 Nov 2023

| Mon, November 13 | Tue, November 14 | Wed, November 15 | Thu, November 16 | Fri, November 17 | Sat, November 18 | Sun, November 19 |
|---|------------------|------------------|------------------|------------------|------------------|---|
| 00:00 12:25 AM - 12:30 AM GOVARDHAN PUJA | | | | | | 12:30 AM - 12:35 AM CHHATH PUJA |
| 01:00 | | | | | | |
| 02:00 | | | | | | |
| 03:00 | | | | | | |
| 04:00 | | | | | | |
| 05:00 | | | | | | |

Messages:

- > event create: 1700046185283 (CHHATH PUJA)
- > event delete: 1700046185282 (New event)
- > event create: 1700046185281 (GOVARDHAN PUJA)
- > event create: 1700046185280 (DIWALI)
- > event delete: 1700046185279 (New event)

Submission Github



[GitHub Link](#)



Thank you!

