**Step 1: Install Node.js (if not already installed)**  
Download and install [Node.js](https://nodejs.org/).

**Step 2: Create a new React app**

npx create-react-app viral-task-manager

cd viral-task-manager

npm start

**2. Create the Task Manager UI with React**

We'll create components for managing tasks and a visually appealing layout using **CSS** and **Material UI** for styling.

**Step 1: Install Material UI**

npm install @mui/material @emotion/react @emotion/styled

npm install @mui/icons-material

**Step 2: Create TaskManager.js component**

Create a folder called components in the src folder and add a new file TaskManager.js:

import React, { useState } from 'react';

import { TextField, Button, List, ListItem, Checkbox, IconButton, Typography, Container, AppBar, Toolbar } from '@mui/material';

import DeleteIcon from '@mui/icons-material/Delete';

const TaskManager = () => {

const [tasks, setTasks] = useState([]);

const [taskText, setTaskText] = useState('');

const handleAddTask = () => {

if (taskText.trim() !== '') {

setTasks([...tasks, { text: taskText, completed: false }]);

setTaskText('');

}

};

const handleToggleTask = (index) => {

const updatedTasks = [...tasks];

updatedTasks[index].completed = !updatedTasks[index].completed;

setTasks(updatedTasks);

};

const handleDeleteTask = (index) => {

const updatedTasks = tasks.filter((\_, i) => i !== index);

setTasks(updatedTasks);

};

return (

<Container>

<AppBar position="static">

<Toolbar>

<Typography variant="h6" component="div" sx={{ flexGrow: 1 }}>

Viral Task Manager

</Typography>

</Toolbar>

</AppBar>

<Typography variant="h4" style={{ marginTop: '20px', textAlign: 'center' }}>Manage Your Tasks</Typography>

<TextField

label="New Task"

variant="outlined"

fullWidth

value={taskText}

onChange={(e) => setTaskText(e.target.value)}

style={{ marginTop: '20px' }}

/>

<Button

variant="contained"

color="primary"

onClick={handleAddTask}

style={{ marginTop: '20px', display: 'block', marginLeft: 'auto', marginRight: 'auto' }}

>

Add Task

</Button>

<List>

{tasks.map((task, index) => (

<ListItem key={index} style={{ textDecoration: task.completed ? 'line-through' : 'none' }}>

<Checkbox

checked={task.completed}

onChange={() => handleToggleTask(index)}

/>

{task.text}

<IconButton onClick={() => handleDeleteTask(index)} color="secondary">

<DeleteIcon />

</IconButton>

</ListItem>

))}

</List>

</Container>

);

};

export default TaskManager;

Step 3: Add styles to App.css

body {

background-color: #f5f5f5;

}

h4 {

font-family: 'Roboto', sans-serif;

}

.MuiButton-containedPrimary {

background-color: #4caf50;

}

.MuiAppBar-colorPrimary {

background-color: #3f51b5;

}

Step 4: Integrate TaskManager in App.js

import React from 'react';

import TaskManager from './components/TaskManager';

import './App.css';

function App() {

return (

<div className="App">

<TaskManager />

</div>

);

}

export default App;

**3. Integrate AWS Amplify for Hosting and Backend Services**

We'll use **AWS Amplify** to quickly deploy and scale the app.

**Step 1: Install AWS Amplify CLI**

npm install -g @aws-amplify/cli

Follow the instructions to connect Amplify to your AWS account.

**Step 3: Initialize AWS Amplify in your project**

amplify init

Step 4: Add hosting

amplify add hosting

Choose **Amazon CloudFront and S3** for hosting. After that, deploy it:

amplify publish

**4. Implement Social Sharing**

To make the app go viral, we’ll add social media sharing functionality.

Step 1: Install react-share

npm install react-share

Step 2: Add a share button in TaskManager.js

import React, { useState } from 'react';

import { TextField, Button, List, ListItem, Checkbox, IconButton, Typography, Container, AppBar, Toolbar } from '@mui/material';

import DeleteIcon from '@mui/icons-material/Delete';

import { FacebookShareButton, TwitterShareButton, WhatsappShareButton } from 'react-share';

const TaskManager = () => {

  const [tasks, setTasks] = useState([]);

  const [taskText, setTaskText] = useState('');

  const shareUrl = 'https://d3h45lrk6jm9yx.cloudfront.net'; // Replace with your app's URL

  const handleAddTask = () => {

    if (taskText.trim() !== '') {

      setTasks([...tasks, { text: taskText, completed: false }]);

      setTaskText('');

    }

  };

  const handleToggleTask = (index) => {

    const updatedTasks = [...tasks];

    updatedTasks[index].completed = !updatedTasks[index].completed;

    setTasks(updatedTasks);

  };

  const handleDeleteTask = (index) => {

    const updatedTasks = tasks.filter((\_, i) => i !== index);

    setTasks(updatedTasks);

  };

  return (

    <Container>

      <AppBar position="static">

        <Toolbar>

          <Typography variant="h6" component="div" sx={{ flexGrow: 1 }}>

            Viral Task Manager

          </Typography>

        </Toolbar>

      </AppBar>

      <Typography variant="h4" style={{ marginTop: '20px', textAlign: 'center' }}>Manage Your Tasks</Typography>

      <TextField

        label="New Task"

        variant="outlined"

        fullWidth

        value={taskText}

        onChange={(e) => setTaskText(e.target.value)}

        style={{ marginTop: '20px' }}

      />

      <Button

        variant="contained"

        color="primary"

        onClick={handleAddTask}

        style={{ marginTop: '20px', display: 'block', marginLeft: 'auto', marginRight: 'auto' }}

      >

        Add Task

      </Button>

      <List>

        {tasks.map((task, index) => (

          <ListItem key={index} style={{ textDecoration: task.completed ? 'line-through' : 'none' }}>

            <Checkbox

              checked={task.completed}

              onChange={() => handleToggleTask(index)}

            />

            {task.text}

            <IconButton onClick={() => handleDeleteTask(index)} color="secondary">

              <DeleteIcon />

            </IconButton>

          </ListItem>

        ))}

      </List>

      <Typography variant="h6" style={{ marginTop: '20px', textAlign: 'center' }}>Share Your Tasks</Typography>

      <div style={{ textAlign: 'center', marginTop: '20px' }}>

        <FacebookShareButton url={shareUrl}>

          <Button variant="contained" style={{ backgroundColor: '#3b5998', color: '#fff', marginRight: '10px' }}>

            Facebook

          </Button>

        </FacebookShareButton>

        <TwitterShareButton url={shareUrl}>

          <Button variant="contained" style={{ backgroundColor: '#00acee', color: '#fff', marginRight: '10px' }}>

            Twitter

          </Button>

        </TwitterShareButton>

        <WhatsappShareButton url={shareUrl}>

          <Button variant="contained" style={{ backgroundColor: '#25D366', color: '#fff' }}>

            WhatsApp

          </Button>

        </WhatsappShareButton>

      </div>

    </Container>

  );

};

export default TaskManager;

Choose **Amazon CloudFront and S3** for hosting. After that, deploy it:

amplify publish