**CODE**

Home.js

import React from 'react';

import { features } from '../data/dummyData';

import { useNavigate } from 'react-router-dom';

// Define types for our feature data

// eslint-disable-next-line @typescript-eslint/no-unused-vars

interface Feature {

title: string;

description: string;

icon: string;

}

// EnhancedFeature is a separate interface that doesn't extend Feature

interface EnhancedFeature {

title: string;

description: string;

icon: React.ReactNode;

action: () => void;

}

// For social media platform inputs

interface PlatformUsage {

platform: string;

hoursPerDay: number;

color: string;

}

// Try-catch for Material UI

let Container: any;

let Typography: any;

let Box: any;

let Grid: any;

let Paper: any;

let Button: any;

let TextField: any;

let Card: any;

let CardContent: any;

let CardMedia: any;

let CardActions: any;

let Divider: any;

let Fade: any;

let Zoom: any;

let Grow: any;

let Slide: any;

let Stack: any;

let Tooltip: any;

let useMediaQuery: any;

let useTheme: any;

let AssessmentIcon: any;

let PsychologyIcon: any;

let TimelineIcon: any;

let ArrowForwardIcon: any;

let SmartphoneIcon: any;

let GroupIcon: any;

let TrendingUpIcon: any;

let WarningIcon: any;

let CheckCircleIcon: any;

let Slider: any;

let CircularProgress: any;

// For React Hooks, declare variables first

let ReactHooks: {

useState: typeof React.useState;

useMemo: typeof React.useMemo;

useEffect: typeof React.useEffect;

};

try {

// Material-UI components

const mui = require('@mui/material');

Container = mui.Container;

Typography = mui.Typography;

Box = mui.Box;

Grid = mui.Grid;

Paper = mui.Paper;

Button = mui.Button;

TextField = mui.TextField;

Card = mui.Card;

CardContent = mui.CardContent;

CardMedia = mui.CardMedia;

CardActions = mui.CardActions;

Divider = mui.Divider;

Fade = mui.Fade;

Zoom = mui.Zoom;

Grow = mui.Grow;

Slide = mui.Slide;

Stack = mui.Stack;

Tooltip = mui.Tooltip;

useMediaQuery = mui.useMediaQuery;

useTheme = mui.useTheme;

Slider = mui.Slider;

CircularProgress = mui.CircularProgress;

// Material icons

AssessmentIcon = require('@mui/icons-material/Assessment').default;

PsychologyIcon = require('@mui/icons-material/Psychology').default;

TimelineIcon = require('@mui/icons-material/Timeline').default;

ArrowForwardIcon = require('@mui/icons-material/ArrowForward').default;

SmartphoneIcon = require('@mui/icons-material/Smartphone').default;

GroupIcon = require('@mui/icons-material/Group').default;

TrendingUpIcon = require('@mui/icons-material/TrendingUp').default;

WarningIcon = require('@mui/icons-material/Warning').default;

CheckCircleIcon = require('@mui/icons-material/CheckCircle').default;

// Set up React hooks

ReactHooks = {

useState: React.useState,

useMemo: React.useMemo,

useEffect: React.useEffect

};

} catch (error) {

console.error("Error loading Material-UI dependencies:", error);

// Fallback hooks

ReactHooks = {

useState: React.useState,

useMemo: React.useMemo,

useEffect: React.useEffect

};

}

// Create a safe navigation function that doesn't use hooks at all

// Using window.location instead of hooks (no ESLint errors)

const safeNavigate = (path: string) => {

try {

// Use direct DOM API instead of React hooks - no rules of hooks issues

window.location.href = path.startsWith('/') ? path : '/' + path;

} catch (error) {

console.error("Navigation failed:", error);

}

};

// Dummy navigator for when the hook is not available

const dummyNavigator = (path: string) => {

console.warn("Using dummy navigate function. React Router may not be available.");

safeNavigate(path);

};

// Custom hook with proper "use" prefix - this is critical for ESLint rules

const useNavigation = () => {

// Get the navigate function from the hook unconditionally

const navigateHook = useNavigate();

// Return a function that either uses the hook result or falls back to the dummy function

return (path: string) => {

if (navigateHook) {

navigateHook(path);

} else {

dummyNavigator(path); // Fallback to a dummy function if `useNavigate` is not available

}

};

};

const Home: React.FC = () => {

// Use our custom hook - this is now a proper hook call

const navigate = useNavigation();

const theme = useTheme(); // useTheme is a hook, so just call it directly.

const breakpointSm = theme?.breakpoints?.down('sm') || '(max-width: 600px)';

const breakpointMd = theme?.breakpoints?.down('md') || '(max-width: 900px)';

const isMobile = useMediaQuery(breakpointSm); // Call useMediaQuery directly with breakpointSm.

const isTablet = useMediaQuery(breakpointMd); // Call useMediaQuery directly with breakpointMd.

// State for the form fields

const [name, setName] = ReactHooks.useState('');

const [age, setAge] = ReactHooks.useState<number | ''>('');

const [dailyUsage, setDailyUsage] = ReactHooks.useState<number | ''>('');

const [isSubmitted, setIsSubmitted] = ReactHooks.useState(false);

const [formComplete, setFormComplete] = ReactHooks.useState(false);

const [visible, setVisible] = ReactHooks.useState(false);

const [error, setError] = ReactHooks.useState<string | null>(null);

const [activeSection, setActiveSection] = ReactHooks.useState<string | null>(null);

// State for platform usage

const [platformUsage, setPlatformUsage] = ReactHooks.useState<PlatformUsage[]>([

{ platform: 'Instagram', hoursPerDay: 0, color: '#E1306C' },

{ platform: 'Facebook', hoursPerDay: 0, color: '#4267B2' },

{ platform: 'TikTok', hoursPerDay: 0, color: '#000000' },

{ platform: 'Twitter', hoursPerDay: 0, color: '#1DA1F2' },

{ platform: 'Others', hoursPerDay: 0, color: '#8884d8' }

]);

// Effect for animation

ReactHooks.useEffect(() => {

// Trigger fade-in animation after component mounts

const timer = setTimeout(() => {

setVisible(true);

}, 100);

return () => clearTimeout(timer);

}, []);

// Check if form is complete

ReactHooks.useEffect(() => {

if (name && age !== '' && dailyUsage !== '') {

setFormComplete(true);

} else {

setFormComplete(false);

}

}, [name, age, dailyUsage]);

// Map icon names to components

const getIcon = (iconName: string): React.ReactNode => {

switch (iconName) {

case 'AssessmentIcon':

return AssessmentIcon ? <AssessmentIcon sx={{ fontSize: 40 }} /> : null;

case 'PsychologyIcon':

return PsychologyIcon ? <PsychologyIcon sx={{ fontSize: 40 }} /> : null;

case 'TimelineIcon':

return TimelineIcon ? <TimelineIcon sx={{ fontSize: 40 }} /> : null;

default:

return null;

}

};

// Handle Get Started button click

const handleGetStarted = () => {

if (!name || !age || !dailyUsage) {

setError('Please fill in all required fields');

return;

}

const userData = {

name,

age: Number(age),

dailyUsage: Number(dailyUsage),

platformUsage,

timestamp: new Date().toISOString()

};

localStorage.setItem('userSocialMediaData', JSON.stringify(userData));

navigate('/analysis');

};

// Enhanced features with navigation - use ReactHooks.useMemo to avoid reference issues

const enhancedFeatures: EnhancedFeature[] = ReactHooks.useMemo(() => features.map(feature => ({

title: feature.title,

description: feature.description,

icon: getIcon(feature.icon),

action: handleGetStarted,

})), []); // Empty dependency array since handleGetStarted uses the navigate from closure

// Handle platform usage change

const handlePlatformChange = (index: number, value: number) => {

const updated = [...platformUsage];

updated[index].hoursPerDay = value;

setPlatformUsage(updated);

// Update total daily usage

const total = updated.reduce((sum, platform) => sum + platform.hoursPerDay, 0);

setDailyUsage(total);

};

// Handle form submission

const handleSubmit = (e: React.FormEvent<HTMLFormElement>) => {

e.preventDefault();

if (name && age !== '' && dailyUsage !== '') {

// Calculate total hours to verify

const totalHours = platformUsage.reduce((sum, platform) => sum + platform.hoursPerDay, 0);

// Save to local storage

const userData = {

name,

age: Number(age),

dailyUsage: totalHours, // Use calculated total

platformUsage: platformUsage,

timestamp: new Date().toISOString()

};

localStorage.setItem('userSocialMediaData', JSON.stringify(userData));

setIsSubmitted(true);

// Navigate to analysis after short delay for better UX

setTimeout(() => {

handleGetStarted();

}, 1000);

}

};

// If dependencies failed to load

if (!Container || !Typography) {

return (

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

<h2>Social Network Mental Disorder Detection</h2>

<p>Dependencies are still loading. Please make sure you've installed all required packages.</p>

</div>

);

}

return (

<Container maxWidth="lg" sx={{ mt: { xs: 2, md: 4 }, mb: { xs: 4, md: 8 } }}>

<Fade in={visible} timeout={1000}>

<Box>

{/\* Enhanced Hero Section with gradient background and responsive design \*/}

<Box

sx={{

textAlign: 'center',

mb: { xs: 4, md: 8 },

p: { xs: 3, md: 6 },

borderRadius: 4,

background: 'linear-gradient(135deg, #2196F3 0%, #21CBF3 50%, #4A66E3 100%)',

color: 'white',

boxShadow: '0 10px 40px -12px rgba(0,117,255,0.35)',

position: 'relative',

overflow: 'hidden'

}}

>

{/\* Animated background circles \*/}

<Box sx={{

position: 'absolute',

width: '300px',

height: '300px',

borderRadius: '50%',

background: 'rgba(255,255,255,0.05)',

top: '-120px',

right: '-100px',

animation: 'move 20s infinite alternate'

}} />

<Box sx={{

position: 'absolute',

width: '200px',

height: '200px',

borderRadius: '50%',

background: 'rgba(255,255,255,0.05)',

bottom: '-80px',

left: '-60px',

animation: 'move2 15s infinite alternate'

}} />

<Box sx={{ position: 'relative', zIndex: 1 }}>

<Slide direction="down" in={visible} timeout={1000}>

<Typography

variant={isMobile ? "h3" : "h2"}

component="h1"

gutterBottom

fontWeight="bold"

sx={{

textShadow: '0 4px 12px rgba(0,0,0,0.15)',

fontSize: { xs: '2rem', sm: '2.5rem', md: '3.2rem' }

}}

>

Social Network Mental Disorder Detection

</Typography>

</Slide>

<Slide direction="up" in={visible} timeout={1200}>

<Typography

variant={isMobile ? "body1" : "h6"}

paragraph

sx={{

mb: 4,

maxWidth: '800px',

mx: 'auto',

opacity: 0.95,

fontSize: { xs: '1rem', sm: '1.1rem', md: '1.25rem' }

}}

>

Understand and manage your social media usage patterns for better mental health and wellbeing

</Typography>

</Slide>

<Zoom in={visible} timeout={1400}>

<Button

variant="contained"

color="secondary"

size="large"

onClick={() => document.getElementById('analyze')?.scrollIntoView({ behavior: 'smooth' })}

endIcon={<ArrowForwardIcon />}

sx={{

mt: { xs: 1, md: 3 },

px: { xs: 3, md: 5 },

py: { xs: 1, md: 1.5 },

borderRadius: 28,

fontWeight: 'bold',

fontSize: { xs: '0.9rem', md: '1rem' },

background: 'white',

color: '#2196F3',

boxShadow: '0 6px 20px rgba(0,0,0,0.15)',

textTransform: 'none',

'&:hover': {

background: 'rgba(255,255,255,0.9)',

transform: 'translateY(-3px)',

boxShadow: '0 10px 25px rgba(0,0,0,0.2)',

},

transition: 'all 0.3s ease'

}}

>

Get Started

</Button>

</Zoom>

{/\* Key Stats \*/}

<Grid

container

spacing={2}

sx={{

mt: { xs: 4, md: 6 },

justifyContent: 'center',

px: { xs: 0, md: 6 }

}}

>

{[

{

title: '50%',

desc: 'of teens feel addicted',

icon: SmartphoneIcon

},

{

title: '38%',

desc: 'report social anxiety',

icon: GroupIcon

},

{

title: '5+ hrs',

desc: 'average daily usage',

icon: TimelineIcon

}

].map((stat, index) => (

<Grid item xs={12} sm={4} key={index}>

<Grow in={visible} timeout={1000 + (index \* 300)}>

<Paper

elevation={0}

sx={{

py: 2,

px: 3,

borderRadius: 4,

bgcolor: 'rgba(255,255,255,0.15)',

backdropFilter: 'blur(5px)',

transition: 'all 0.3s ease',

'&:hover': {

bgcolor: 'rgba(255,255,255,0.25)',

transform: 'translateY(-5px)'

}

}}

>

<Box sx={{ display: 'flex', alignItems: 'center' }}>

{stat.icon && <stat.icon sx={{ fontSize: { xs: 30, md: 36 }, mr: 1, opacity: 0.9 }} />}

<Box>

<Typography variant="h5" component="div" fontWeight="bold" sx={{ lineHeight: 1.2 }}>

{stat.title}

</Typography>

<Typography variant="body2" sx={{ opacity: 0.9 }}>

{stat.desc}

</Typography>

</Box>

</Box>

</Paper>

</Grow>

</Grid>

))}

</Grid>

</Box>

</Box>

{/\* Main content with enhanced visuals and animations \*/}

<Grid container spacing={4}>

{/\* Features Section - Improved with animations and hover effects \*/}

<Grid item xs={12} sx={{ mb: 4 }}>

<Fade in={visible} timeout={1600}>

<Box>

<Typography

variant="h4"

component="h2"

gutterBottom

textAlign="center"

fontWeight="bold"

color="primary"

sx={{ mb: 1 }}

>

Understanding Social Media Disorder

</Typography>

<Typography

variant="body1"

paragraph

textAlign="center"

color="text.secondary"

sx={{ mb: 5, maxWidth: 800, mx: 'auto' }}

>

Learn about the signs, impacts, and ways to manage social media use for better mental health

</Typography>

<Grid container spacing={3}>

{enhancedFeatures.map((feature, index) => (

<Grid item xs={12} sm={6} md={4} key={index}>

<Grow in={visible} timeout={1800 + (index \* 200)}>

<Card

sx={{

height: '100%',

borderRadius: 3,

boxShadow: '0 8px 40px -12px rgba(0,0,0,0.1)',

transition: 'all 0.3s ease',

'&:hover': {

transform: 'translateY(-8px)',

boxShadow: '0 12px 45px -10px rgba(33, 150, 243, 0.3)'

}

}}

>

<CardContent sx={{ p: 3, height: '100%', display: 'flex', flexDirection: 'column' }}>

<Box

sx={{

mb: 2,

p: 1.5,

borderRadius: 2,

display: 'inline-flex',

background: 'linear-gradient(45deg, #2196F3 30%, #21CBF3 90%)',

color: 'white',

boxShadow: '0 4px 20px -12px rgba(0,0,0,0.3)'

}}

>

{feature.icon}

</Box>

<Typography variant="h6" component="h3" gutterBottom fontWeight="bold">

{feature.title}

</Typography>

<Typography variant="body2" color="text.secondary" sx={{ mb: 2, flexGrow: 1 }}>

{feature.description}

</Typography>

<Button

variant="outlined"

color="primary"

size="small"

onClick={feature.action}

sx={{

alignSelf: 'flex-start',

borderRadius: 28,

mt: 'auto',

textTransform: 'none',

'&:hover': {

background: 'rgba(33, 150, 243, 0.05)'

}

}}

>

Learn more

</Button>

</CardContent>

</Card>

</Grow>

</Grid>

))}

</Grid>

</Box>

</Fade>

</Grid>

{/\* Analysis Section with improved form \*/}

<Grid item xs={12}>

<Box id="analyze" sx={{ scrollMarginTop: '1rem' }}>

<Fade in={visible} timeout={2000}>

<Paper

elevation={0}

sx={{

p: { xs: 3, md: 5 },

borderRadius: 4,

background: 'linear-gradient(to right, #f5f7fa, #e8edf5)',

boxShadow: '0 10px 40px -12px rgba(0,0,0,0.12)'

}}

>

<Grid container spacing={4}>

<Grid item xs={12} md={6}>

<Typography

variant="h4"

component="h2"

gutterBottom

fontWeight="bold"

color="primary"

sx={{ mb: 1 }}

>

Analyze Your Social Media Usage

</Typography>

<Typography variant="body1" paragraph color="text.secondary" sx={{ mb: 3 }}>

Fill in the details below to receive a personalized analysis of your social media habits and potential risks

</Typography>

<Stack spacing={2} sx={{ mb: 3 }}>

{[

{ icon: CheckCircleIcon, text: 'Personalized risk assessment' },

{ icon: CheckCircleIcon, text: 'Platform-specific insights' },

{ icon: CheckCircleIcon, text: 'Actionable recommendations' }

].map((item, index) => (

<Box key={index} sx={{ display: 'flex', alignItems: 'center' }}>

<item.icon color="primary" sx={{ mr: 1, fontSize: 20 }} />

<Typography variant="body1">{item.text}</Typography>

</Box>

))}

</Stack>

<Box

sx={{

p: 2,

borderRadius: 2,

bgcolor: 'rgba(255, 152, 0, 0.1)',

display: 'flex',

alignItems: 'flex-start',

mb: 2

}}

>

<WarningIcon color="warning" sx={{ mr: 1, mt: 0.3 }} />

<Typography variant="body2" color="text.secondary">

Your data is stored locally and is not shared with any third parties. We respect your privacy.

</Typography>

</Box>

</Grid>

<Grid item xs={12} md={6}>

{!isSubmitted ? (

<Box

component="form"

onSubmit={handleSubmit}

sx={{

p: { xs: 2, md: 3 },

bgcolor: 'white',

borderRadius: 3,

boxShadow: '0 8px 30px -12px rgba(0,0,0,0.15)'

}}

>

<Stack spacing={3}>

<TextField

fullWidth

label="Your Name"

value={name}

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

required

variant="outlined"

error={!!error && !name}

helperText={error && !name ? error : ''}

InputProps={{

sx: { borderRadius: 2 }

}}

/>

<Grid container spacing={2}>

<Grid item xs={12} sm={6}>

<TextField

fullWidth

label="Age"

type="number"

value={age}

onChange={(e) => setAge(e.target.value ? Number(e.target.value) : '')}

required

variant="outlined"

error={!!error && !age}

helperText={error && !age ? error : ''}

InputProps={{

sx: { borderRadius: 2 }

}}

/>

</Grid>

<Grid item xs={12} sm={6}>

<TextField

fullWidth

label="Daily Social Media Usage (hours)"

type="number"

value={dailyUsage}

onChange={(e) => setDailyUsage(e.target.value ? Number(e.target.value) : '')}

required

variant="outlined"

error={!!error && !dailyUsage}

helperText={error && !dailyUsage ? error : ''}

InputProps={{

sx: { borderRadius: 2 }

}}

/>

</Grid>

</Grid>

<Typography variant="subtitle2" gutterBottom color="text.secondary">

Platform Breakdown (Optional)

</Typography>

<Box sx={{ px: 1 }}>

{platformUsage.map((platform, index) => (

<Box key={index} sx={{ mb: 2 }}>

<Box sx={{ display: 'flex', justifyContent: 'space-between', mb: 0.5 }}>

<Typography variant="body2">{platform.platform}</Typography>

<Typography variant="body2" color="text.secondary">

{platform.hoursPerDay} hours

</Typography>

</Box>

<Slider

value={platform.hoursPerDay}

onChange={(\_, value) => handlePlatformChange(index, value as number)}

min={0}

max={12}

step={0.5}

sx={{

'& .MuiSlider-thumb': {

backgroundColor: platform.color,

},

'& .MuiSlider-track': {

backgroundColor: platform.color,

},

}}

/>

</Box>

))}

</Box>

<Button

type="submit"

variant="contained"

size="large"

fullWidth

disabled={!formComplete}

sx={{

mt: 2,

py: 1.5,

borderRadius: 28,

fontWeight: 'medium',

boxShadow: '0 6px 20px rgba(33, 150, 243, 0.3)',

background: 'linear-gradient(45deg, #2196F3 30%, #21CBF3 90%)',

textTransform: 'none',

fontSize: '1rem',

transition: 'all 0.3s ease',

'&:hover': {

boxShadow: '0 8px 25px rgba(33, 150, 243, 0.4)',

transform: 'translateY(-3px)'

}

}}

>

Analyze My Usage

</Button>

</Stack>

</Box>

) : (

<Box

sx={{

display: 'flex',

flexDirection: 'column',

alignItems: 'center',

justifyContent: 'center',

bgcolor: 'white',

p: 4,

borderRadius: 3,

height: '100%',

boxShadow: '0 8px 30px -12px rgba(0,0,0,0.15)'

}}

>

<CircularProgress size={50} thickness={4} sx={{ mb: 3 }} />

<Typography variant="h6" gutterBottom fontWeight="medium">

Analyzing Your Data

</Typography>

<Typography variant="body2" color="text.secondary" textAlign="center">

Please wait while we process your information and generate insights...

</Typography>

</Box>

)}

</Grid>

</Grid>

</Paper>

</Fade>

</Box>

</Grid>

</Grid>

{/\* Footer \*/}

<Box sx={{ mt: 6, py: 3, textAlign: 'center' }}>

<Divider sx={{ mb: 3 }} />

<Typography variant="body2" color="text.secondary">

© {new Date().getFullYear()} Social Network Mental Disorder Detection | All rights reserved

</Typography>

</Box>

</Box>

</Fade>

<style>{`

@keyframes move {

0% { transform: translateY(0) rotate(0deg); }

100% { transform: translateY(30px) rotate(20deg); }

}

@keyframes move2 {

0% { transform: translateY(0) rotate(0deg); }

100% { transform: translateY(-20px) rotate(-15deg); }

}

`}</style>

</Container>

);

};

export default Home;

About.js

import React from 'react';

import { useNavigate } from 'react-router-dom';

import { disorderSymptoms, improvementStrategies, positiveImpacts } from '../data/dummyData';

// Dynamic imports with try-catch

let Container: any;

let Typography: any;

let Box: any;

let Grid: any;

let Paper: any;

let Card: any;

let CardContent: any;

let Divider: any;

let Accordion: any;

let AccordionSummary: any;

let AccordionDetails: any;

let Avatar: any;

let Chip: any;

let Link: any;

let Button: any;

let Fade: any;

let ExpandMoreIcon: any;

let FavoriteIcon: any;

let CheckCircleIcon: any;

let PersonIcon: any;

let ArticleIcon: any;

let SchoolIcon: any;

let VideoLibraryIcon: any;

// For React hooks

let ReactHooks: {

useState: typeof React.useState;

useEffect: typeof React.useEffect;

};

try {

// Material-UI components

const mui = require('@mui/material');

Container = mui.Container;

Typography = mui.Typography;

Box = mui.Box;

Grid = mui.Grid;

Paper = mui.Paper;

Card = mui.Card;

CardContent = mui.CardContent;

Divider = mui.Divider;

Accordion = mui.Accordion;

AccordionSummary = mui.AccordionSummary;

AccordionDetails = mui.AccordionDetails;

Avatar = mui.Avatar;

Chip = mui.Chip;

Link = mui.Link;

Button = mui.Button;

Fade = mui.Fade;

// Material icons

ExpandMoreIcon = require('@mui/icons-material/ExpandMore').default;

FavoriteIcon = require('@mui/icons-material/Favorite').default;

CheckCircleIcon = require('@mui/icons-material/CheckCircle').default;

PersonIcon = require('@mui/icons-material/Person').default;

ArticleIcon = require('@mui/icons-material/Article').default;

SchoolIcon = require('@mui/icons-material/School').default;

VideoLibraryIcon = require('@mui/icons-material/VideoLibrary').default;

// Set up React hooks

ReactHooks = {

useState: React.useState,

useEffect: React.useEffect

};

} catch (error) {

console.error("Error loading Material-UI dependencies:", error);

ReactHooks = {

useState: React.useState,

useEffect: React.useEffect

};

}

// Resources about social media disorder

const resources = [

{

title: "Understanding Social Media Addiction",

type: "Article",

icon: ArticleIcon,

author: "Mayo Clinic",

link: "https://www.mayoclinic.org/healthy-lifestyle/tween-and-teen-health/in-depth/teens-and-social-media-use/art-20474437",

description: "Comprehensive guide to understanding social media addiction, symptoms, and treatment options"

},

{

title: "Digital Wellbeing and Mental Health",

type: "Research",

icon: SchoolIcon,

author: "Journal of Behavioral Addictions",

link: "https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6901840/",

description: "Scientific research on the relationship between social media use and mental health outcomes"

},

{

title: "How to Break Social Media Addiction",

type: "Video",

icon: VideoLibraryIcon,

author: "TEDx Talks",

link: "https://www.youtube.com/watch?v=PJTonrzXTJs",

description: "Expert tips and practical strategies to overcome social media addiction"

},

{

title: "Mindful Social Media Usage",

type: "Guide",

icon: ArticleIcon,

author: "Center for Humane Technology",

link: "https://www.humanetech.com/take-control",

description: "Tools and techniques for more mindful and intentional use of social media platforms"

},

{

title: "Helping Teenagers with Social Media",

type: "Resource",

icon: PersonIcon,

author: "Child Mind Institute",

link: "https://childmind.org/article/social-media-and-self-doubt/",

description: "Guide for parents and educators to help teenagers develop healthy social media habits"

}

];

// Team member profiles

const teamMembers = [

{

name: "Dr. Emma Chen",

role: "Behavioral Psychologist",

description: "Specializing in digital behavior and addiction patterns",

avatar: "EC"

},

{

name: "Michael Rodriguez",

role: "Data Scientist",

description: "Expert in behavioral data analysis and prediction models",

avatar: "MR"

},

{

name: "Sarah Johnson",

role: "UX Designer",

description: "Creating intuitive and accessible digital health applications",

avatar: "SJ"

},

{

name: "David Park",

role: "Mental Health Counselor",

description: "Specialized in technology addiction counseling",

avatar: "DP"

}

];

// Custom hook with proper "use" prefix

const useNavigation = () => {

// Get the navigate function from the hook unconditionally

const navigateHook = useNavigate();

// Return a wrapped navigation function

return (path: string) => {

if (navigateHook) {

navigateHook(path);

} else {

// Fallback to direct navigation

window.location.href = path.startsWith('/') ? path : '/' + path;

}

};

};

const About: React.FC = () => {

const navigate = useNavigation();

const [visible, setVisible] = ReactHooks.useState(false);

// Effect for animation

ReactHooks.useEffect(() => {

// Trigger fade-in animation after component mounts

const timer = setTimeout(() => {

setVisible(true);

}, 100);

return () => clearTimeout(timer);

}, []);

// If Material-UI failed to load

if (!Container || !Typography) {

return (

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

<h2>About Social Media Disorder</h2>

<p>Dependencies are still loading. Please make sure you've installed all required packages.</p>

<button onClick={() => navigate('/')}>Back to Home</button>

</div>

);

}

return (

<Container maxWidth="lg" sx={{ mt: 4, mb: 8 }}>

<Fade in={visible} timeout={1000}>

<Box>

{/\* Hero Section \*/}

<Box sx={{

textAlign: 'center',

mb: 6,

p: 5,

borderRadius: 2,

background: 'linear-gradient(45deg, #6a1b9a 30%, #9c27b0 90%)',

color: 'white',

boxShadow: '0 3px 5px 2px rgba(156, 39, 176, .3)'

}}>

<Typography variant="h3" component="h1" gutterBottom fontWeight="bold">

About the Social Media Disorder Detector

</Typography>

<Typography variant="h6" paragraph>

Understanding, Detecting, and Addressing Unhealthy Social Media Usage Patterns

</Typography>

<Button

variant="contained"

size="large"

onClick={() => navigate('/')}

sx={{

mt: 2,

px: 4,

py: 1,

borderRadius: 28,

fontWeight: 'bold',

background: 'white',

color: '#9c27b0',

'&:hover': {

background: 'rgba(255,255,255,0.9)'

}

}}

>

Try the Detector

</Button>

</Box>

{/\* Main Content Grid \*/}

<Grid container spacing={4}>

{/\* About the Project \*/}

<Grid item xs={12} md={7}>

<Card sx={{ borderRadius: 2, height: '100%', boxShadow: '0 8px 40px -12px rgba(0,0,0,0.2)' }}>

<CardContent sx={{ p: 3 }}>

<Typography variant="h5" component="h2" fontWeight="bold" gutterBottom color="primary">

What is Social Media Disorder?

</Typography>

<Typography variant="body1" paragraph>

Social Media Disorder (SMD) refers to excessive and compulsive use of social media platforms

that interferes with daily life functioning, relationships, and mental well-being. It is characterized

by symptoms similar to those of other behavioral addictions, such as preoccupation, tolerance, withdrawal,

and continued use despite negative consequences.

</Typography>

<Typography variant="body1" paragraph>

Our Social Media Disorder Detector is designed to help individuals identify potentially problematic

patterns in their social media usage and provide personalized recommendations for developing healthier

digital habits. Using evidence-based approaches from psychology and behavioral science, we analyze

usage patterns and provide actionable steps for improvement.

</Typography>

<Divider sx={{ my: 3 }} />

<Typography variant="h5" component="h2" fontWeight="bold" gutterBottom color="primary">

Our Approach

</Typography>

<Typography variant="body1" paragraph>

The Social Media Disorder Detector is built on a three-pillar approach:

</Typography>

<Grid container spacing={2} sx={{ mb: 2 }}>

<Grid item xs={12} sm={4}>

<Paper sx={{ p: 2, height: '100%', bgcolor: '#f5f5f5', borderRadius: 2 }}>

<Typography variant="h6" fontWeight="medium" gutterBottom align="center">

Assessment

</Typography>

<Typography variant="body2" align="center">

Using validated psychological measures to evaluate social media usage patterns

</Typography>

</Paper>

</Grid>

<Grid item xs={12} sm={4}>

<Paper sx={{ p: 2, height: '100%', bgcolor: '#f5f5f5', borderRadius: 2 }}>

<Typography variant="h6" fontWeight="medium" gutterBottom align="center">

Analysis

</Typography>

<Typography variant="body2" align="center">

Data-driven risk assessment based on established research in digital behavior

</Typography>

</Paper>

</Grid>

<Grid item xs={12} sm={4}>

<Paper sx={{ p: 2, height: '100%', bgcolor: '#f5f5f5', borderRadius: 2 }}>

<Typography variant="h6" fontWeight="medium" gutterBottom align="center">

Action

</Typography>

<Typography variant="body2" align="center">

Personalized recommendations and strategies for healthier social media use

</Typography>

</Paper>

</Grid>

</Grid>

<Typography variant="body1">

Our tool is for educational purposes only and does not replace professional medical or psychological advice.

If you're concerned about your social media usage, please consult with a healthcare professional.

</Typography>

</CardContent>

</Card>

</Grid>

{/\* Key Symptoms \*/}

<Grid item xs={12} md={5}>

<Card sx={{ borderRadius: 2, boxShadow: '0 8px 40px -12px rgba(0,0,0,0.2)', mb: 4 }}>

<CardContent sx={{ p: 3 }}>

<Typography variant="h5" component="h2" fontWeight="bold" gutterBottom color="primary">

Common Symptoms

</Typography>

<Typography variant="body2" paragraph color="text.secondary">

According to research, these are the most common signs of social media disorder:

</Typography>

<Box component="ul" sx={{ pl: 2 }}>

{disorderSymptoms.slice(0, 5).map(symptom => (

<Box component="li" key={symptom.id} sx={{ mb: 1.5 }}>

<Typography variant="body1" fontWeight="medium">

{symptom.name}

</Typography>

<Typography variant="body2" color="text.secondary">

{symptom.description}

</Typography>

</Box>

))}

</Box>

<Box sx={{ display: 'flex', justifyContent: 'center', mt: 2 }}>

<Chip

label="View Full Assessment"

color="secondary"

onClick={() => navigate('/analysis')}

sx={{ borderRadius: 28, px: 1 }}

/>

</Box>

</CardContent>

</Card>

<Card sx={{ borderRadius: 2, boxShadow: '0 8px 40px -12px rgba(0,0,0,0.2)' }}>

<CardContent sx={{ p: 3 }}>

<Typography variant="h5" component="h2" fontWeight="bold" gutterBottom color="primary">

Benefits of Healthier Usage

</Typography>

<Box sx={{ display: 'flex', flexDirection: 'column', gap: 1.5 }}>

{positiveImpacts.slice(0, 3).map((impact, index) => (

<Box key={index} sx={{ display: 'flex', alignItems: 'flex-start' }}>

<Avatar sx={{ bgcolor: 'secondary.main', width: 32, height: 32, mr: 1.5 }}>

<FavoriteIcon fontSize="small" />

</Avatar>

<Box>

<Typography variant="body1" fontWeight="medium">

{impact.area}

</Typography>

<Typography variant="body2" color="text.secondary">

{impact.benefits[0]}

</Typography>

</Box>

</Box>

))}

</Box>

</CardContent>

</Card>

</Grid>

{/\* Strategies Accordion \*/}

<Grid item xs={12}>

<Typography variant="h5" component="h2" fontWeight="bold" gutterBottom color="primary" sx={{ mb: 2 }}>

Effective Strategies for Healthier Social Media Use

</Typography>

<Box>

{improvementStrategies.slice(0, 4).map((strategy, index) => (

<Accordion key={strategy.id} sx={{ mb: 1, borderRadius: 1, overflow: 'hidden' }}>

<AccordionSummary

expandIcon={<ExpandMoreIcon />}

aria-controls={`panel${index}-content`}

id={`panel${index}-header`}

>

<Typography fontWeight="medium">{strategy.title}</Typography>

</AccordionSummary>

<AccordionDetails>

<Grid container spacing={2}>

<Grid item xs={12} sm={8}>

<Typography paragraph>{strategy.description}</Typography>

<Box sx={{ display: 'flex', gap: 1, flexWrap: 'wrap' }}>

<Chip

icon={<CheckCircleIcon fontSize="small" />}

label={`Effectiveness: ${strategy.effectiveness}%`}

color="primary"

variant="outlined"

size="small"

/>

<Chip

label={`Time Required: ${strategy.timeRequired}`}

variant="outlined"

size="small"

/>

</Box>

</Grid>

<Grid item xs={12} sm={4}>

<Box sx={{

bgcolor: '#f5f5f5',

borderRadius: 2,

p: 1.5,

textAlign: 'center',

height: '100%',

display: 'flex',

flexDirection: 'column',

justifyContent: 'center'

}}>

<Typography variant="body2" color="text.secondary">

Difficulty Level

</Typography>

<Typography variant="h5" color="primary" fontWeight="bold">

{strategy.difficulty}%

</Typography>

</Box>

</Grid>

</Grid>

</AccordionDetails>

</Accordion>

))}

</Box>

</Grid>