interface FeatureAccess {

content: boolean;

exercises: boolean;

training: boolean;

posting: boolean;

calendar: boolean;

}

// Role-based Navigation Component

const RoleBasedNavigation: React.FC<{ userRole: UserRole }> = ({ userRole }) => {

const permissions = usePermissions(userRole);

return (

<nav className="main-navigation">

{/\* Always visible \*/}

<NavLink to="/dashboard">Dashboard</NavLink>

{/\* Role-based links \*/}

{permissions.content && (

<NavLink to="/content">Content Library</NavLink>

)}

{permissions.exercises && (

<NavLink to="/exercises">Exercises</NavLink>

)}

{permissions.training && (

<NavLink to="/training">Training Courses</NavLink>

)}

{permissions.posting && (

<>

<NavLink to="/post">Create Post</NavLink>

{permissions.calendar && (

<NavLink to="/calendar">Content Calendar</NavLink>

)}

</>

)}

{/\* Locked Features with Upgrade Prompts \*/}

<LockedFeatures

userRole={userRole}

permissions={permissions}

/>

</nav>

);

};

// Locked Feature Preview

const LockedFeatures: React.FC<{ userRole: UserRole; permissions: FeatureAccess }> = ({ userRole, permissions }) => {

const upgradePath = useUpgradePath(userRole);

return (

<div className="locked-features">

{!permissions.posting && (

<LockedFeatureCard

feature="posting"

title="Post Creation"

description="Create and schedule LinkedIn posts"

upgradeLink={upgradePath.posting}

/>

)}

{!permissions.training && (

<LockedFeatureCard

feature="training"

title="Training Courses"

description="Access professional training content"

upgradeLink={upgradePath.training}

/>

)}

{/\* Other locked features \*/}

</div>

);

};

// Feature Preview Card with Upgrade Path

const LockedFeatureCard: React.FC<{

feature: string;

title: string;

description: string;

upgradeLink: string;

}> = ({ feature, title, description, upgradeLink }) => (

<Card className="locked-feature">

<div className="preview-content">

<LockIcon className="text-gray-400" />

<h3>{title}</h3>

<p>{description}</p>

</div>

<Button

onClick={() => window.location.href = upgradeLink}

className="upgrade-button"

>

Upgrade to Access

</Button>

</Card>

);