// Middleware for checking access

const checkFeatureAccess = (

requiredFeature: keyof FeatureAccess

) => async (req: Request, res: Response, next: NextFunction) => {

const userRole = await getUserRole(req.user.id);

const permissions = await getPermissions(userRole);

if (permissions[requiredFeature]) {

next();

} else {

res.status(403).json({

error: 'Access Denied',

upgrade: await getUpgradePath(userRole, requiredFeature)

});

}

};