**32. asyncHandler функц бичиж контроллертоо ашиглах**

**Amozon -> middleware -> asyncHandler**

const asyncHAndler = (fn) => (req, res, next) =>

Promise.resolve(fn(req, res, next)).catch(next);

module.exports = asyncHAndler;

**Amozon -> controller -> categories**

const asyncHandler = require("../middleware/asyncHAndler");

exports.getCategories = asyncHandler(async (req, res, next) => {

const categories = await Category.find();

res.status(200).json({

success: true,

data: categories,

}); });

exports.getCategory = asyncHandler(async (req, res, next) => {

const category = await Category.findById(req.params.id);

if (!category) {

throw new MyError(req.params.id + " ID-тэй категори байхгүй.", 400); }

res.status(200).json({

success: true,

data: category,

}); });

exports.createCategory = asyncHandler(async (req, res, next) => {

console.log("data: ", req.body);

const category = await Category.create(req.body);

res.status(200).json({

success: true,

data: category,

}); });

exports.updateCategory = asyncHandler(async (req, res, next) => {

const category = await Category.findByIdAndUpdate(req.params.id, req.body, {

new: true,

runValidators: true,

});

if (!category) {

throw new MyError(req.params.id + " ID-тэй категори байхгүй.", 400); }

res.status(200).json({

success: true,

data: category,

}); });

exports.deleteCategory = asyncHandler(async (req, res, next) => {

const category = await Category.findByIdAndDelete(req.params.id);

if (!category) {

throw new MyError(req.params.id + " ID-тэй категори байхгүйээээ.", 400); }

res.status(200).json({

success: true,

data: category,

}); });