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<?php
class Catalogue extends Application {

    private $_table = 'categories';
    private $_table_2 = 'products';
    public $_path = 'media/catalogue/';
    public static $_currency = '&pound;';

    public function getCategories() {
        $sql = "SELECT * FROM `{$this->_table}`
            ORDER BY `name` ASC";
        return $this->db->fetchAll($sql);
    }

    public function getCategory($id) {
        $sql = "SELECT * FROM `{$this->_table}`
            WHERE `id` = '". $this->db->escape($id). "'";
        return $this->db->fetchOne($sql);
    }

    public function addCategory($name = null) {
        if (!empty($name)) {
            $sql = "INSERT INTO `{$this->_table}`
                (`name`) VALUES ('". $this->db->escape($name). "')";
            return $this->db->query($sql);
        }
    }

    public function updateCategory($name = null, $id = null) {
        if (!empty($name) && !empty($id)) {
            $sql = "UPDATE `{$this->_table}`
                SET `name` = '". $this->db->escape($name). "'
                WHERE `id` = '". $this->db->escape($id). "'";
            return $this->db->query($sql);
        }
        return false;
    }

    public function duplicateCategory($name = null, $id = null) {
        if (!empty($name)) {
            $sql = "SELECT * FROM `{$this->_table}`
                WHERE `name` = '". $this->db->escape($name). "'";
            $sql .= !empty($id) ?
                " AND `id` != '". $this->db->escape($id). "' :
                null;
            return $this->db->fetchOne($sql);
        }
    }
}
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    }
    return false;
}

public function removeCategory($id = null) {
    if (!empty($id)) {
        $sql = "DELETE FROM `{$this->_table}`
            WHERE `id` = '". $this->db->escape($id). "'";
        $this->db->query($sql);
    }
    return false;
}

public function getProducts($cat) {
    $sql = "SELECT * FROM `{$this->_table_2}`
        WHERE `category` = '". $this->db->escape($cat). "'
        ORDER BY `date` DESC";
    return $this->db->fetchAll($sql);
}

public function getProduct($id) {
    $sql = "SELECT * FROM `{$this->_table_2}`
        WHERE `id` = '". $this->db->escape($id). "'";
    return $this->db->fetchOne($sql);
}

public function getAllProducts($srch = null) {
    $sql = "SELECT * FROM `{$this->_table_2}`";
    if (!empty($srch)) {
        $srch = $this->db->escape($srch);
        $sql .= " WHERE `name` LIKE '%{$srch}%' || `id` = '{$srch}'";
    }
    $sql .= " ORDER BY `date` DESC";
    return $this->db->fetchAll($sql);
}

public function addProduct($params = null) {
    if (!empty($params)) {
        $params['date'] = Helper::setDate();
        $this->db->prepareInsert($params);
        $out = $this->db->insert($this->_table_2);
        $this->_id = $this->db->_id;
        return $out;
    }
    return false;
}
```

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public function updateProduct($params = null, $id = null) {
    if (!empty($params) && !empty($id)) {
        $this->db->prepareUpdate($params);
        return $this->db->update($this->_table_2, $id);
    }
}

public function removeProduct($id = null) {
    if (!empty($id)) {
        $product = $this->getProduct($id);
        if (!empty($product)) {
            if (is_file(CATALOGUE_PATH.DS.$product['image'])) {
                unlink(CATALOGUE_PATH.DS.$product['image']);
            }
            $sql = "DELETE FROM `{$this->_table_2}`
                WHERE `id` = '". $this->db->escape($id). "'";
            return $this->db->query($sql);
        }
        return false;
    }
    return false;
}
```