Variable 'refferals' is null checked here, but its property is accessed without null check afterwards at line 417 .
src/controllers/UserController.js

(403:7-403:16)
INSUFFICIENT_NULL_CHECK
```
          .lean();

       let total = 0;
       refferals?.forEach((refferal) => {
         total += parseFloat(refferal.referrer_credit);
```
Variable 'response' is null checked here, but its property is accessed without null check afterwards at line 222 .

src/controllers/MoralisConroller.js

(221:25-221:33)
INSUFFICIENT_NULL_CHECK
```
                   tokenId,
             });

             console.log(response?.result);
             let data = response.toJSON(); // latest transfer will be on Zero index
```
Variable 'err' is null checked here, but its property is accessed without null check afterwards at line 113 .

src/validators/UserValidator.js

(110:10-110:13)
INSUFFICIENT_NULL_CHECK
```
        }
     });
   } catch (err) {
     if(err?.details[0]?.type=='alternatives.match') err.message = "Please enter
a valid email/phone!"
     return res.status(422).json({
```
Variable 'receipt' is null checked here, but its property is accessed without null check prior at line 195 .

src/controllers/WalletController.js

(201:37-201:44)
INSUFFICIENT_NULL_CHECK
```
                            amount: original_amount,
                            transaction_type: "withdrawl_request",
                  };
                  if (receipt) {
                        txObj.transaction_status = "success";
```
Condition 'title===undefined' is always false at this point because the false branch of the condition 'title===undefined' at line 25 has been taken.

src/controllers/IntroController.js

(25:50-25:67)

```
            }
        = req.body;

        if(title===undefined || title=="" || title===undefined ||
content==""){
            throw Error("Please enter valid params!")
```

Execution never reaches this point.

src/controllers/UserController.js

(1241:14-1241:17)
UNREACHABLE_CODE

```
  saveVerificationDetails: async (req, res) => {
    try {
    } catch (err) {}
  },
```

Variable 'user' is null checked here, but its property is accessed without null check afterwards at line 139 .

src/controllers/UserController.js

(107:11-107:15)
INSUFFICIENT_NULL_CHECK

```
        else return identifier;
      };

      if (user) {
        let check = await RegexValidation.email_or_phone(email_or_phone);
```

'parseFloat()' result should not be ignored.

src/controllers/NftController.js

(472:22-472:32)
NO_EFFECT_CALL

```
                    CRYPTO_COMPARE_KEY
            );
            console.log(
                (parseFloat(conversion.data.USD), parseFloat(nft.price))
            );
```

Variable 'err' is null checked here, but its property is accessed without null check afterwards at line 205 .

src/validators/UserValidator.js

(202:8-202:11)
INSUFFICIENT_NULL_CHECK

```
        }
      });
  } catch (err) {
    if(err?.details[0]?.type=='alternatives.match') err.message = "Please enter a
valid email/phone!"
      return res.status(422).json({
```

Variable 'err' is null checked here, but its property is accessed without null check afterwards at line 48 .

src/validators/UserValidator.js

(45:10-45:13)
INSUFFICIENT_NULL_CHECK

```
            }
        });
    } catch (err) {
        if(err?.details[0]?.type=='alternatives.match') err.message = "Please enter a valid email/phone!"
            return res.status(422).json({
```

Value assigned to variable 'remove_bundle' at this point is not used afterwards.

src/controllers/NftController.js

(677:17-677:30)
UNUSED_VAR_ASSIGN

```
        if(status == 'on_remove') {
            console.log("Abhay in remove")
            let remove_bundle = await Bundles.remove({_id: bundle_id});
        }
```

Required module 'Category' is not used.

src/controllers/CollectionController.js

(2:7-2:15)
UNUSED_REQUIRE

```
const Activity = require('../models/Activity');
const Category = require('../models/Category');
const Collections = require('../models/Collections');
```

Required module component 'moveImage' is not used.

src/controllers/NftController.js

(16:9-16:18)
UNUSED_REQUIRE

```
);
const NFTs = require("../models/Nfts");
const Bundles = require('../models/NftBundle');
const { moveImage } = require("../utils/Utills");
const Users = require("../models/Users");
```

Value assigned to variable 'category_id' at this point is not used afterwards.

src/controllers/NftController.js

(199:17-199:28)
UNUSED_VAR_ASSIGN

```
                offset,
                limit,
                search,
                category_id,
                sell_type,
```

Condition 'update == 1' is always true. The value of variable 'update' is originated from the expression 'await marketPlace.update_list_for_buy()' at line 55 .

src/config/ws-connection.js

(56:16-56:27)
CONSTANT_CONDITION
```
        ws.send(JSON.stringify({buylist: data}));
        setInterval(async () => {
            let update = await marketPlace.update_list_for_buy()
            if(update == 1) {
                data = await buyMarket.find();
```
Value assigned to variable 'update_status' at this point is not used afterwards.

src/controllers/NftController.js

(510:21-510:34)
UNUSED_VAR_ASSIGN
```
                    {upsert: true})
            } else if(buy && highestBidAddress) {
                let user_address = await Users.findOne({wallet_address: { $regex:
new RegExp("^" + highestBidAddress.toLowerCase(), "i") }})
                let update_status = await Nfts.updateOne(
                    {token_id: token_id},
```
Required module 'url' is not used.

src/config/ws-connection.js

(7:7-7:10)
UNUSED_REQUIRE
```
const buyMarket = require('../models/BuyMarketPlace');
const marketPlace = require('../controllers').MarketplaceController
const { ObjectId } = require('mongodb');
const url = require('url');
module.exports = {
```
Condition 'data.events!=undefined' is always true at this point because the true branch of the condition 'data.events' at line 22 has been taken.

src/controllers/ActivitiesController.js

(22:31-22:53)
CONSTANT_CONDITION
```
                ]
            };

            if(data.events && data.events!=undefined) {
                filter['$and'].push({
```
Required module component 'ObjectId' is not used.

src/config/ws-connection.js

(6:9-6:17)
UNUSED_REQUIRE
```
const axios = require("axios");
const buyMarket = require('../models/BuyMarketPlace');
```

```
const marketPlace = require('../controllers').MarketplaceController
const { ObjectId } = require('mongodb');
const url = require('url');
```

Local variable 'BASEURL' is not used.

src/controllers/NftController.js

(4:9-4:16)
UNUSED_DECL

```
const web3 = require("web3");
const auctionContract = require("../utils/NftContract.json");
const createNftContract = require("../utils/CreateNftContract.json");
const { BASEURL, CRYPTO_COMPARE_KEY, BSC_TESTNET_RPC } = process.env;
const Web3 = new web3(BSC_TESTNET_RPC); // BSC Testnet RPC
```

Value assigned to variable 'config' at this point is not used afterwards.

src/controllers/UserController.js

(1432:13-1432:19)
UNUSED_VAR_ASSIGN

```
        const data = {
          pan: pan,
        };
        let config =
         {
```

Local variable 'email' is not used.

src/controllers/UserController.js

(802:17-802:22)
UNUSED_DECL

```
  thirdPartyLogin: async (req, res) => {
    try {
      const { token, type, payload } = req.body;
      let data, email, first_name, last_name, logo, alreadyExists;
      if (type == "google") {
```

Value assigned to variable 'update_bal' at this point is not used afterwards.

src/controllers/WalletController.js

(288:25-288:35)
UNUSED_VAR_ASSIGN

```
                console.log(txObj, " : all transaction");
                let create = await transactionModel.create(txObj);
                let update_bal = await Users.updateOne({_id: id},{$inc:
{ibat_balance: txObj.amount}},{upsert: true})
                }
```

Required module component 'Collection' is not used.

src/controllers/AdminController.js

(1:9-1:19)

```
const { Collection } = require('mongoose');
const bcrypt = require('../utils/Bcrypt');
```

This array is useless because added elements are never used.

src/controllers/MarketplaceController.js

(27:23-27:25)
USELESS_ARRAY

```
            console.log(nftDetails, " : All NFTS");
            // return res.status(200).json({success: true, message: "Data Fetched
Successfully!!", data: nftDetails});

            let arr = [];
            for (let i = 0; i < nftDetails.length; i++) {
```

Value assigned to variable 'update' at this point is not used afterwards.

src/controllers/MarketplaceController.js

(52:29-52:35)
UNUSED_VAR_ASSIGN

```
                            owner: sellDetails.owner
                }
                console.log(obj, " : this is obj")
                let update = await buyMarket.updateOne(
                    { token_id: obj.token_id },
```

Value assigned to variable 'image' at this point is not used afterwards.

src/controllers/MoralisConroller.js

(293:20-293:25)
UNUSED_VAR_ASSIGN

```
            console.log(response?.result, " : ipfs response");

            if(image?.includes("/temp")){
                image = image.replace("temp/","")
```

Required module 'axios' is not used.

src/controllers/MoralisConroller.js

(6:5-6:10)
UNUSED_REQUIRE

```
const { BASEURL } = process.env;
const { SERVERBASEURL } = process.env;
const Nfts = require("../models/Nfts");
let axios = require('axios')
const {moveImage} = require("../utils/Utills")
```

Value assigned to variable 'category_id' at this point is not used afterwards.

src/controllers/NftController.js

(301:17-301:28)
UNUSED_VAR_ASSIGN

```
            offset,
```

```
                    limit,
                    search,
                    category_id,
                    sell_type,
```

Value assigned to variable 'update_status' at this point is not used afterwards.

src/controllers/NftController.js

(664:21-664:34)
UNUSED_VAR_ASSIGN

```
                    },
                    {upsert: true})
                if(buy) {
                    let update_status = await Nfts.updateOne(
                        {token_id: token_arr[i]},
```

Required module 'Nfts' is not used.

src/controllers/ReportController.js

(1:7-1:11)
UNUSED_REQUIRE

```
const Nfts = require('../models/Nfts');
const Report = require('../models/Report');
```

Value assigned to variable 'data' at this point is not used afterwards.

src/controllers/UserController.js

(1278:11-1278:15)
UNUSED_VAR_ASSIGN

```
    try {
      const { id } = req.user;
      const { _id, status } = req.body;
      let data = await Users.updateOne(
        { _id: _id },
```

Local variable 'name' is not used.

src/controllers/UserController.js

(1381:15-1381:19)
UNUSED_DECL

```
  verifybank: async (req, res) => {
    try {
      const { name, phone, bankAccount, ifsc, token } = req.body;
```

Value assigned to variable 'create' at this point is not used afterwards.

src/controllers/WalletController.js

(287:25-287:31)
UNUSED_VAR_ASSIGN

```
                    txObj.to_address = result[i].to

                    console.log(txObj, " : all transaction");
                    let create = await transactionModel.create(txObj);
```

```
                    let update_bal = await Users.updateOne({_id: id},{$inc:
{ibat_balance: txObj.amount}},{upsert: true})
```

Local variable 'ALGORITHM' is not used.

src/controllers/WalletController.js

(9:8-9:17)
UNUSED_DECL

```
const transactionModel = require('../models/Transaction');
const Users = require('../models/Users');
const axios = require('axios');
const {ALGORITHM} = process.env
module.exports = {
```

Required module 'Nfts' is not used.

src/models/FinalLeaderboard.js

(3:7-3:11)
UNUSED_REQUIRE

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
const Nfts = require("./Nfts");
const Users = require("./Users");
```

Required module 'MoralisConroller' is not used.

src/controllers/MarketplaceController.js

(8:7-8:23)
UNUSED_REQUIRE

```
const buyMarket = require('../models/BuyMarketPlace');
const web3 = new Web3("https://bsc-testnet.public.blastapi.io"); // BSC test net
RPC

const MoralisConroller = require('./MoralisConroller')
```

Local variable 'BASEURL' is not used.

src/controllers/MoralisConroller.js

(3:9-3:16)
UNUSED_DECL

```
const Moralis = require("moralis").default;
const { EvmChain } = require("@moralisweb3/common-evm-utils");
const { BASEURL } = process.env;
const { SERVERBASEURL } = process.env;
```

Required module component 'Axios' is not used.

src/controllers/NftController.js

(22:9-22:14)
UNUSED_REQUIRE

```
const Collections = require("../models/Collections");
const buyMarket = require('../models/BuyMarketPlace');
const Activity = require("../models/Activity");
const { Axios, default: axios } = require("axios");
```

```
const Category = require("../models/Category");
```
Local variable 'id' is not used.

src/controllers/UserController.js

(1276:15-1276:17)
UNUSED_DECL

```
  dltaccount: async (req, res) => {
    try {
      const { id } = req.user;
      const { _id, status } = req.body;
```

Local variable 'phone' is not used.

src/controllers/UserController.js

(1381:21-1381:26)
UNUSED_DECL

```
  verifybank: async (req, res) => {
    try {
      const { name, phone, bankAccount, ifsc, token } = req.body;
```

Local variable 'CASHFREE_APP_ID' is not used.

src/controllers/UserController.js

(19:3-19:18)
UNUSED_DECL
```
  JWT_SECRET,
  ACCESS_TOKEN_EXPIRY,
  REFRESH_TOKEN_EXPIRY,
  CASHFREE_APP_ID,
  CASHFREE_SEC_KEY,
```
Local variable 'logo' is not used.

src/controllers/UserController.js

(802:47-802:51)
UNUSED_DECL
```
  thirdPartyLogin: async (req, res) => {
    try {
      const { token, type, payload } = req.body;
      let data, email, first_name, last_name, logo, alreadyExists;
      if (type == "google") {
```
Required module component 'ObjectId' is not used.

src/models/MatchPlayersData.js

(1:9-1:17)
UNUSED_REQUIRE
```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```
Required module component 'ObjectId' is not used.

src/models/MatchesData.js

(1:9-1:17)
UNUSED_REQUIRE

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Value assigned to variable 'res' at this point is not used afterwards.

src/utils/EmailService.js

(73:13-73:16)
UNUSED_VAR_ASSIGN

```
            },
        });

        res = await transporter.sendMail({
            from: "noreply@battle-infinity.com",
```

Local variable 'resend' is not used.

src/controllers/UserController.js

(563:31-563:37)
UNUSED_DECL

```
  forgetPassword: async (req, res) => {
    try {
      const { email_or_phone, resend } = req.body;
      const profile = await Users.findOne({
```

Local variable 'first_name' is not used.

src/controllers/UserController.js

(802:24-802:34)
UNUSED_DECL

```
  thirdPartyLogin: async (req, res) => {
    try {
      const { token, type, payload } = req.body;
      let data, email, first_name, last_name, logo, alreadyExists;
      if (type == "google") {
```

Local variable 'last_name' is not used.

src/controllers/UserController.js

(802:36-802:45)
UNUSED_DECL

```
  thirdPartyLogin: async (req, res) => {
    try {
      const { token, type, payload } = req.body;
      let data, email, first_name, last_name, logo, alreadyExists;
      if (type == "google") {
```

Required module component 'ObjectId' is not used.

src/models/Admin.js

(1:9-1:17)
UNUSED_REQUIRE

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Required module component 'ObjectId' is not used.

src/models/Intro.js

(1:9-1:17)
UNUSED_REQUIRE

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Required module component 'filterNFTValidation' is not used.

src/routes/NftRouter.js

(5:28-5:47)
UNUSED_REQUIRE

```
const router = express.Router();
const { authMiddleware } = require("../middleware/Auth");
const nftController = require('../controllers').NftController
const
{createNFTValidation,filterNFTValidation,updateNFTValidation,bidNFTValidation,
bundleValidation} = require("../validators/NFTValidator");
```

Value assigned to variable 'res' at this point is not used afterwards.

src/utils/EmailService.js

(48:13-48:16)
UNUSED_VAR_ASSIGN

```
                },
            });

            res = await transporter.sendMail({
                from: "noreply@battle-infinity.com",
```

This 'catch' clause is useless because it just rethrows the caught exception.

src/utils/EmailService.js

(80:11-82:10)
USELESS_CATCH

```
                html: `Hi There! Please use this OTP ${otp} to verify your
account.`,
            });
            return "Verification Code Sent Successfully!";
        } catch (error) {
            throw error;
        }
    },
```

This 'catch' clause is useless because it just rethrows the caught exception.

src/utils/EmailService.js

(98:11-100:10)

```
        try {
            console.log("Email Send Succesfully: ");
            return "Verification Code Sent Successfully!";
        } catch (error) {
            throw error;
        }
    }
```

Required module 'crypto' is not used.

src/controllers/WalletController.js

```
const Web3 = require('web3');
const web3 = new Web3("https://hidden-omniscient-
frog.bsc.discover.quiknode.pro/e8bd16c6f655a14dd1179f41441c65bbc18f5056/")
const crypto = require('crypto');
const ibat_contract = require('../utils/IBATContract.json');
```

Required module component 'ObjectId' is not used.

src/models/Category.js

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Required module 'Nfts' is not used.

src/models/Collections.js

```
const mongoose = require("mongoose");
const Users = require("../models/Users");
const Category = require("../models/Category");
const Nfts = require("../models/Nfts");
const collectionsSchema = mongoose.Schema(
```

Required module 'Users' is not used.

src/models/FinalLeaderboard.js

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
const Nfts = require("./Nfts");
const Users = require("./Users");
const MatchesData = require("./MatchesData");
```

Required module component 'ObjectId' is not used.

src/models/MatchContestCategories.js

```javascript
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Required module component 'ObjectId' is not used.

src/models/NftBundle.js

(1:9-1:17)
UNUSED_REQUIRE

```javascript
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Required module 'axios' is not used.

src/config/ws-connection.js

(3:7-3:12)
UNUSED_REQUIRE

```javascript
const WebSocket = require('ws')
const http = require('http');
const axios = require("axios");
const buyMarket = require('../models/BuyMarketPlace');
```

This 'catch' clause is useless because it just rethrows the caught exception.

src/utils/EmailService.js

(26:11-28:10)
USELESS_CATCH

```javascript
            });
            console.log("Email Send Succesfully: ", res);
            return "Verification Code Sent Successfully!";
        } catch (error) {
            throw error;
        }
    },
```

Required module 'db' is not used.

src/models/Nfts.js

(1:7-1:9)
UNUSED_REQUIRE

```javascript
const db = require('../db/mongoose');
const mongoose = require("mongoose");
```

Required module component 'authMiddleware' is not used.

src/routes/AdminRouter.js

(4:9-4:23)
UNUSED_REQUIRE

```javascript
const express = require("express");
const router = express.Router();
const AdminController = require("../controllers").AdminController
const { authMiddleware } = require("../middleware/Auth");
```

This 'catch' clause is useless because it just rethrows the caught exception.

src/utils/EmailService.js

(55:11-57:10)
USELESS_CATCH

```
                html: `Hi There! Please use this OTP ${otp} to reset your
password.`,
            });
            return "Verification Code Sent Successfully!";
        } catch (error) {
            throw error;
        }
    },
```

Empty block is used as the true branch of 'if' statement.

src/utils/ErrorLogger.js

(5:20-6:10)
EMPTY_BLOCK

```
let errorLogger = (err, req, res, next) => {
    let err_msg = `${new Date()} - ${err.stack}\n`;
    fs.appendFile("./errorLogger.txt", err_msg, (error) => {
        if (error) {
        }
    });
```

Required module 'db' is not used.

src/models/Referrals.js

(1:7-1:9)
UNUSED_REQUIRE

```
const db = require('../db/mongoose');
const mongoose = require("mongoose");
```

This 'catch' clause is useless because it just rethrows the caught exception.

src/utils/EmailService.js

(89:11-91:10)
USELESS_CATCH

```
        try {
            console.log("Email Send Succesfully: ");
            return "Verification Code Sent Successfully!";
        } catch (error) {
            throw error;
        }
    },
```

Required module component 'ObjectId' is not used.

src/models/Wallet.js

(1:9-1:17)
UNUSED_REQUIRE

```
const { ObjectId } = require("bson");
const mongoose = require("mongoose");
```

Required module component 'Collection' is not used.

src/controllers/ActivitiesController.js

(1:9-1:19)
UNUSED_REQUIRE
```
const { Collection } = require('mongoose');
const Activity = require('../models/Activity');
```
Required module component 'moveImage' is not used.

src/controllers/MoralisConroller.js

(7:8-7:17)
UNUSED_REQUIRE
```
const { SERVERBASEURL } = process.env;
const Nfts = require("../models/Nfts");
let axios = require('axios')
const {moveImage} = require("../utils/Utills")
```

Local variable 'BASEURL' is not used.

src/controllers/NftController.js

(4:9-4:16)
UNUSED_DECL
```
const web3 = require("web3");
const auctionContract = require("../utils/NftContract.json");
const createNftContract = require("../utils/CreateNftContract.json");
const { BASEURL, CRYPTO_COMPARE_KEY, BSC_TESTNET_RPC } = process.env;
const Web3 = new web3(BSC_TESTNET_RPC); // BSC Testnet RPC
```
Value assigned to variable 'update_status' at this point is not used afterwards.

src/controllers/NftController.js

(510:21-510:34)
UNUSED_VAR_ASSIGN
```
                {upsert: true})
        } else if(buy && highestBidAddress) {
            let user_address = await Users.findOne({wallet_address: { $regex:
new RegExp("^" + highestBidAddress.toLowerCase(), "i") }})
            let update_status = await Nfts.updateOne(
                {token_id: token_id},
```
Value assigned to variable 'remove_bundle' at this point is not used afterwards.

src/controllers/NftController.js

(677:17-677:30)
UNUSED_VAR_ASSIGN
```
        if(status == 'on_remove') {
            console.log("Abhay in remove")
            let remove_bundle = await Bundles.remove({_id: bundle_id});
        }
```
Local variable 'updated' is not used.

src/controllers/NotificationController.js

(50:19-50:26)
UNUSED_DECL

```
            const {id} = req.user;
            const data = req.body;

            const updated = await Notifications.updateOne(
                { user_id:id },
```

Required module component 'ObjectId' is not used.

src/config/ws-connection.js

(6:9-6:17)
UNUSED_REQUIRE

```
const axios = require("axios");
const buyMarket = require('../models/BuyMarketPlace');
const marketPlace = require('../controllers').MarketplaceController
const { ObjectId } = require('mongodb');
const url = require('url');
```

Required module 'url' is not used.

src/config/ws-connection.js

(7:7-7:10)
UNUSED_REQUIRE

```
const buyMarket = require('../models/BuyMarketPlace');
const marketPlace = require('../controllers').MarketplaceController
const { ObjectId } = require('mongodb');
const url = require('url');
module.exports = {
```

Condition 'update == 1' is always true. The value of variable 'update' is originated from the expression 'await marketPlace.update_list_for_buy()' at line 55 .

src/config/ws-connection.js

(56:16-56:27)
CONSTANT_CONDITION

```
        ws.send(JSON.stringify({buylist: data}));
        setInterval(async () => {
            let update = await marketPlace.update_list_for_buy()
            if(update == 1) {
                data = await buyMarket.find();
```