**Poročilo o opravljeni vaji**

Namestitev in uporaba orodja PHPMD

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1. Opis orodja PHPMD

PHPMD je orodje, s pomočjo katerega lahko statično analiziramo našo PHP kodo. Najde lahko možne hrošče, prekomplicirane izraze, neuporabljene parametre, metode, lastnosti in podobno. Prav tako lahko napišemo lastna pravila, ki jih želimo preverjati v analizi kode. Orodje deluje s pomočjo ukazne vrstice, kjer izpiše tudi vse možne napake. Napake lahko prav tako shranimo v poljubno datoteka, ki je lahko tipka .xml, .html ali navadna .txt datoteka. Po pravilni namestitvi orodja lahko analizo zaženemo s pomočjo naslednjega ukaza: phpmd [ime\_datoteke|direktorij] [report format] [datoteka s pravili], primer:

***phpmd php/source/index.php xml rulesets/codesize.xml***

Izhod tega je .xml datoteka, ki lahko zgleda nekako takole:

*<?xml version="1.0" encoding="UTF-8" ?>  
<pmd version="0.0.1" timestamp="2009-12-19T22:17:18+01:00">  
 <file name="/projects/pdepend/PHP/Depend/DbusUI/ResultPrinter.php">  
 <violation beginline="67"  
 endline="224"  
 rule="TooManyMethods"  
 ruleset="Code Size Rules"  
 package="PHP\_Depend\DbusUI"  
 class="PHP\_Depend\_DbusUI\_ResultPrinter"  
 priority="3">  
 This class has too many methods, consider refactoring it.  
 </violation>  
 </file>  
</pmd>*

Ukazna vrstica pa sprejme tudi te neobvezne parametre:

* --minimumpriority - pravila z nižjo prioriteto bodo prezrta
* --reportfile - izhod se shrani v datoteko
* --extensions - veljavne PHP končnice, ločene z vejico
* --ignore - z vejico ločene datoteke/direktoriji, ki bodo ignorirane

Dovoljeno je, da uporabimo več pravil za analizo kode naenkrat. To storimo tako, da pravila ločimo z vejico. Primer:

***phpmd /pot/do/datoteke xml codesize,unusedcode,naming***

Dovoljeno je tudi, da skupaj z že napisanimi pravili uporabimo svoja napisana pravila. Kot pravilo potem dodamo pot do datoteke, v kateri je pravilo napisano. Deluje tudi, če želimo uporabiti več pravil naenkrat in je eno iz med pravil našo pravilo. Primer:

***phpmd /pot/do/datoteke xml codesize, /moje/pravilo.xml***

1. Namestitev orodja PHPMD

Orodje PHPMD lahko namestimo na 3 načine.

**1. NAČIN -** namestitev s pomočjo Composer-ja

V svojem projektu izdelamo novo datoteko, imenovano composer.json. Odpremo jo s pomočjo poljubnega urejevalnika besedil in vanjo dodamo:

*{*

*“require:” {*

*“phpmd/phpmd” : “1.4.\*”*

*}*

*}*

Nato namestimo composer-ja v naš projekt oziroma ga prenesemo z uradne strani ([LINK](http://getcomposer.org/composer.phar)).

Namestimo ga lahko s pomočjo ukaza: curl -s http://getcomposer.org/installer | php

Nato Composer namesti vse odvisnosti, to pa storimo s pomočjo ukaza

*php composer.phar install*

**2. NAČIN** - namestitev iz GitHub repozitorija

Kloniramo GIT projekt s pomočjo ukaza git clone git://github.com/phpmd/phpmd.git. Nato se pomaknemo v prenesen direktorij in poženemo ukaz

/phpmd $ git submodule update --init. Zadnji ukaz še inicializira PHPMD pravilno,

/phpmd $ ant initialize.

**3. NAČIN** - namestitev kot PEAR paket

To je verjetno najboljši in najbolj zaželen način namestitve PHPMD. Po vrsti zaženemo ukaze:

~ $ pear channel-discover pear.phpmd.org  
~ $ pear channel-discover pear.pdepend.org  
~ $ pear install --alldeps phpmd/PHP\_PMD

1. Uporaba in splošni primeri

Orodje poženemo s pomočjo naslednjega ukaza:

***phpmd php/source/index.php xml rulesets/codesize.xml***

Pot do datoteke seveda zamenjamo s svojo datoteko, ki jo analiziramo. Ker je parameter za izhod podan xml, dobimo rezultat podoben temu:

*<?xml version="1.0" encoding="UTF-8" ?>  
<pmd version="0.0.1" timestamp="2009-12-19T22:17:18+01:00">  
 <file name="/projects/pdepend/PHP/Depend/DbusUI/ResultPrinter.php">  
 <violation beginline="67"  
 endline="224"  
 rule="TooManyMethods"  
 ruleset="Code Size Rules"  
 package="PHP\_Depend\DbusUI"  
 class="PHP\_Depend\_DbusUI\_ResultPrinter"  
 priority="3">  
 This class has too many methods, consider refactoring it.  
 </violation>  
 </file>  
</pmd>*

1. Analiza projekta

Projekt bomo analizirali z vsemi obstoječimi pravili programa PHPMD. Izključili bomo pravilo controversial.xml, ki preverja, če imamo spremenljivke poimenovane v obliki testnaSpremenljivka, razred poimenovane kot TestniRazred,... ter pravilo codesize.xml, ki preverja dolžine vseh napisanih metod.

* 1. Osnovni modul
     1. Kontrolerji

**BaseController**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Controller\BaseController.php xml .\vendor\phpmd\phpmd\src\main\resou*

*rces\rulesets\naming.xml, vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml, vendor\phpmd\phpmd\src\main\resou*

*rces\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T09:25:40+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**IndexController**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Controller\IndexController.php xml .\vendor\phpmd\phpmd\src\main\reso*

*urces\rulesets\naming.xml, .\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml, .\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml, .\vendor\phpmd\phpmd\src\main\reso*

*urces\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T09:30:47+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Controller*

*\IndexController.php">*

*<violation beginline="138" endline="138" rule="ShortVariable" ruleset="Naming Rules" e*

*xternalInfoUrl="http://phpmd.org/rules/naming.html#shortvariable" priority="3">*

*Avoid variables with short names like $a. Configured minimum length is 2.*

*</violation>*

*<violation beginline="138" endline="138" rule="ShortVariable" ruleset="Naming Rules" e*

*xternalInfoUrl="http://phpmd.org/rules/naming.html#shortvariable" priority="3">*

*Avoid variables with short names like $b. Configured minimum length is 2.*

*</violation>*

*</file>*

*</pmd>*

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T09:35:53+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Controller*

*\IndexController.php">*

*<violation beginline="138" endline="138" rule="UnusedLocalVariable" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" pri*

*ority="3">*

*Avoid unused local variables such as '$results'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Tokrat so bile rezultat iskanja napak kar tri napake. Dve napaki sta povezani z minimalno dolžino znakov, ena napaka pa z neuporabljeno spremenljivko.

**POPRAVKI:**

Spremenljivki $a in $b, ki sta prekratki, preprosto preimenujemo v nekaj logičnega. V tem primeru se ti dve spremenljivki uporabljata pri algoritmu TFIDF. Druga napaka pravi, da imamo v kodi spremenljivko, ki je nikjer ne uporabimo. V tem primeru imamo to spremenljivko pri klicu funkcije usort, ki sprejme kot parameter spremenljivko, kam se shrnai rezultat in funkcijo. Tako da potrebujo to spremenljivko, ker se v njej hrani rezultat, čeprav orodje pravi, da je neuporabljeno.

**KategorijaController**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Controller\KategorijaController.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T09:44:44+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**UserController**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Controller\UserController.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T09:51:01+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Controller*

*\UserController.php">*

*<violation beginline="7" endline="308" rule="CouplingBetweenObjects" ruleset="Design R*

*ules" package="Prokrastinat\Controller" externalInfoUrl="http://phpmd.org/rules/design.htm*

*l#couplingbetweenobjects" class="UserController" priority="2">*

*The class UserController has a coupling between objects value of 15. Consider to red*

*uce the number of dependencies under 13.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Napaka se pojavi, ker metoda vsebuje preveč odvisnosti od drugih razredov.

**POPRAVKI:**

Brez popravkov.

* + 1. Entitete

**BaseEntity**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Entity\BaseEntity.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T09:58:18+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Kategorija**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Entity\Kategorija.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T10:09:12+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Entity\Kat*

*egorija.php">*

*<violation beginline="39" endline="39" rule="UnusedFormalParameter" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter" p*

*riority="3">*

*Avoid unused parameters such as '$inputFilter'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Najdena neuporabljena spremenljivka v kodi. Preverimo, kje se spremenljivka uporablja in zakaj ni uporabljena. Ugotovimo, da je spremenljivka parameter v funkcijo setInputFilter, ki je implementiran iz vmesnika InputFilterAwareInterface, ki pa zahteva ta parameter, čeprav ga mi ne uporabljamo.

**POPRAVKI:**

Brez popravkov.

**Komentar**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Entity\Komentar.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T10:21:04+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Objava**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Entity\Objava.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T10:25:03+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Entity\Obj*

*ava.php">*

*<violation beginline="64" endline="64" rule="UnusedFormalParameter" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter" p*

*riority="3">*

*Avoid unused parameters such as '$inputFilter'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Znova imamo neuporabljen parameter, v čisto istem primeru. Metode setInputFilter načeloma ne uporabljamo, vendar jo moramo vseeno implementirati iz vmesnika, zato pa prihaja do neuporabljenega parametra.

**POPRAVKI:**

Brez popravkov.

**User**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Entity\User.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T10:38:05+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Entity\Use*

*r.php">*

*<violation beginline="11" endline="92" rule="TooManyFields" ruleset="Code Size Rules"*

*package="Prokrastinat\Entity" externalInfoUrl="http://phpmd.org/rules/codesize.html#tooman*

*yfields" class="User" priority="3">*

*The class User has 21 fields. Consider to redesign User to keep the number of fields*

*under 15.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Orodje pravi, da imamo preveč lastnosti v razredu in da je priporočeno jih imeti pod 15. Nekako nam to ne pomaga, saj vseh 21 lastnosti uporabljamo.

**POPRAVKI:**

Brez popravkov.

**Ucilnice**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Entity\Ucilnice.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T10:46:31+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Obrazci

**Changepassword**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\ChangepasswordForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T10:52:29+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**EditFilter**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\EditFilter.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T11:44:54+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Form\EditF*

*ilter.php">*

*<violation beginline="9" endline="201" rule="ExcessiveMethodLength" ruleset="Code Size*

*Rules" package="Prokrastinat\Form" externalInfoUrl="http://phpmd.org/rules/codesize.html#*

*excessivemethodlength" class="EditFilter" method="\_\_construct" priority="3">*

*The method \_\_construct() has 193 lines of code. Current threshold is set to 100. Avo*

*id really long methods.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Orodje nam javi, da imamo v konstrukturju preveč vrstic kode. Temu naj bi se izognili.

**POPRAVKI:**

Poskusimo popravit konstruktor tako da skrajšamo kodo, če je le možno.

**EditForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\EditForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T17:02:01+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Form\EditF*

*orm.php">*

*<violation beginline="12" endline="150" rule="ExcessiveMethodLength" ruleset="Code Siz*

*e Rules" package="Prokrastinat\Form" externalInfoUrl="http://phpmd.org/rules/codesize.html*

*#excessivemethodlength" class="EditForm" method="\_\_construct" priority="3">*

*The method \_\_construct() has 139 lines of code. Current threshold is set to 100. Avo*

*id really long methods.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Spet je težava predolg kontroler, vendar ne moremo narediti nič, ker se vsa koda napiše znotraj kontrolerja.

**POPRAVKI:**

Brez popravkov.

**IskanjeForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\IskanjeForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T17:20:30+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**KategorijeForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\KategorijeForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T17:24:30+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Form\Kateg*

*orijeForm.php">*

*<violation beginline="54" endline="54" rule="UnusedFormalParameter" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter" p*

*riority="3">*

*Avoid unused parameters such as '$user'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Najdena neuporabljena spremenljivka.

**POPRAVKI:**

V 54. vrstici se začne metoda, ki naj bi obrazec napolnila s podatki določenega uporabnika. Metoda je prazna, torej ne deluje! Najden hrošč.

**LoginForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\LoginForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T17:36:18+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**MapForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Form\MapForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T17:39:58+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Repozitoriji

**Kategorija**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Repository\KategorijaRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T17:55:32+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Mape**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Repository\MapeRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T18:14:19+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Predmet**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Repository\PredmetRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T18:18:17+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Studij**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Repository\StudijRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T18:23:01+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Ucilnice**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Repository\UcilniceRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T10:56:08+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**User**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\Repository\UserRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T10:58:32+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Repository*

*\UserRepository.php">*

*<violation beginline="85" endline="85" rule="ShortVariable" ruleset="Naming Rules" ext*

*ernalInfoUrl="http://phpmd.org/rules/naming.html#shortvariable" priority="3">*

*Avoid variables with short names like $p. Configured minimum length is 2.*

*</violation>*

*</file>*

*</pmd>*

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T10:58:38+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Repository*

*\UserRepository.php">*

*<violation beginline="160" endline="160" rule="UnusedFormalParameter" ruleset="Unused*

*Code Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter"*

*priority="3">*

*Avoid unused parameters such as '$kategorije'.*

*</violation>*

*<violation beginline="164" endline="164" rule="UnusedLocalVariable" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" pri*

*ority="3">*

*Avoid unused local variables such as '$list'.*

*</violation>*

*<violation beginline="164" endline="164" rule="UnusedLocalVariable" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" pri*

*ority="3">*

*Avoid unused local variables such as '$id'.*

*</violation>*

*</file>*

*</pmd>*

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T10:58:53+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\Repository*

*\UserRepository.php">*

*<violation beginline="28" endline="78" rule="CyclomaticComplexity" ruleset="Code Size*

*Rules" package="Prokrastinat\Repository" externalInfoUrl="http://phpmd.org/rules/codesize.*

*html#cyclomaticcomplexity" class="UserRepository" method="updateUser" priority="3">*

*The method updateUser() has a Cyclomatic Complexity of 11. The configured cyclomatic*

*complexity threshold is 10.*

*</violation>*

*<violation beginline="28" endline="78" rule="NPathComplexity" ruleset="Code Size Rules*

*" package="Prokrastinat\Repository" externalInfoUrl="http://phpmd.org/rules/codesize.html#*

*npathcomplexity" class="UserRepository" method="updateUser" priority="3">*

*The method updateUser() has an NPath complexity of 232. The configured NPath complex*

*ity threshold is 200.*

*</violation>*

*<violation beginline="93" endline="148" rule="CyclomaticComplexity" ruleset="Code Size*

*Rules" package="Prokrastinat\Repository" externalInfoUrl="http://phpmd.org/rules/codesize*

*.html#cyclomaticcomplexity" class="UserRepository" method="addUser" priority="3">*

*The method addUser() has a Cyclomatic Complexity of 11. The configured cyclomatic co*

*mplexity threshold is 10.*

*</violation>*

*<violation beginline="93" endline="148" rule="NPathComplexity" ruleset="Code Size Rule*

*s" package="Prokrastinat\Repository" externalInfoUrl="http://phpmd.org/rules/codesize.html*

*#npathcomplexity" class="UserRepository" method="addUser" priority="3">*

*The method addUser() has an NPath complexity of 232. The configured NPath complexity*

*threshold is 200.*

*</violation></file></pmd>*

**ANALIZA:**

Orodje je tokrat javilo veliko napak. Najprej ga moti spremenljivka $p, ki je prekratka. Potem je tukaj veliko neuporabljene kode oziroma parametrov in lokalnih spremenljivk. Na koncu imamo veliko kode, ki je ali predolga ali pa je kompleksnost metod prezapletena in jih je treba pokrajšat. Cyclomatic Complexity pomeni, da imamo v metodi preveč odločitev (11), zaželjeno jih je maksimalno 10. Potem imamo tukaj še preveč acikličnih izvedbenih poti skozi metodo, kar je prav tako dobro obdržati krajše.

**POPRAVKI:**

Spremenljivko $p spremenimo v nekaj logičnega, v tem primeru se v to spremenljivko shrani rezultat funkcije explode, v tem primeru funkcija loči ime in priimek s presledkom, torej lahko spremenimo v $ime\_priimek na primer. Nasledji je parameter metode posodobiKategorije(), $kategorije, ki se nikjer ne uporabi. Preprosto ga lahko izbrišemo iz metode. Nato sledi lokalna spremenljivka $list, ki se uporablja v foreach zanki. Telo te zanke je prazno, torej ne počne nič! Najden hrošč! Sledi spremenljivka $id, ki je prav tako znotraj te foreach zanke, ki ne dela nič. Nato sledijo napake, ki so povezane z dolžino kode. Najprej imamo napako v metodi updateUser, ki pravi, da imamo v svoji metodi preveč odločitvenih stavkov (for, while, if, switch). V tem primeru je zadevo težko skrajšati ker se preverja, če podatki sploh obstajajo. Lahko bi sicer delali z izjemami, kar bi zadevo zagotovo polepšalo in skrajšalo. Naslednja napaka pravi, da imamo preveč acikličnih izvedbenih poti skozi metodo addUser(), vendar spet prihaja do veliko preverjanj podatkov. Metoda addUser() vsebuje todi preveliko odločitvenih stavkov.

* + 1. ViewHelper-ji

**HasRole**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\View\Helper\HasRole.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T12:14:06+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Prokrastinat\src\Prokrastinat\View\Helpe*

*r\HasRole.php">*

*<violation beginline="22" endline="22" rule="UnusedLocalVariable" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" prior*

*ity="3">*

*Avoid unused local variables such as '$url'.*

*</violation>*

*<violation beginline="23" endline="23" rule="UnusedLocalVariable" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" prior*

*ity="3">*

*Avoid unused local variables such as '$escape'.*

*</violation>*

*<violation beginline="24" endline="24" rule="UnusedLocalVariable" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" prior*

*ity="3">*

*Avoid unused local variables such as '$translate'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Imamo tri neuporabljene spremenljivke. V kodi vidimo, da si v teh treh spremenljivkah hranimo stanje o plugin-ih “url”, “escapeHtml” in “translate”, ki pa jih znotraj tega ViewHelper-ja ne uporabljamo, zato jih lahko preprosto odstranimo.

**POPRAVKI:**

Odstranimo neuporabljene spremenljivke.

**ImaPravico**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\View\Helper\ImaPravico.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T12:25:26+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**JeAvtor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\View\Helper\JeAvtor.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T12:32:51+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**LoginHelper**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\View\Helper\LoginHelper.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:23:32+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**SidebarHelper**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Prokrasti*

*nat\src\Prokrastinat\View\Helper\SidebarHelper.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:27:39+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* 1. Modul oglasna deska
     1. Controller

1. **NEUPORABLJENA KODA**

**UKAZ:**

*php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src\Deska\Controller\DeskaController.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-26T13:05:33+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Deska\src\Deska\Controller\DeskaControll*

*er.php">*

*<violation beginline="207" endline="207" rule="UnusedLocalVariable" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" pri*

*ority="3">*

*Avoid unused local variables such as '$options'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

V kodi je lokalna spremenljivka, ki se nikoli ne uporablja. Priporočeno je, da se izognemo neuporabljenim lokalnim spremenljivka, kar nam javi tudi orodje.

**POPRAVKI:**

Neuporabljeno spremenljivko preprosto izbrišemo iz kode oziroma preverimo, zakaj je neuporabljena. V tem primeru je dovolj, če jo pobrišemo, saj se služila stari funkcionalnosti, ki pa smo jo iz aplikacije odstranili.

**2. IZGLED KODE**

**UKAZ:**

*php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src\Deska\Controller\DeskaController.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-28T08:12:33+01:00">*

*</pmd>*

**ANALIZA:**

Načeloma sem se držal oblike kode, tako da se napake v tem primeru ne bi smele pojavljati.

**POPRAVKI:**

Brez popravkov.

**3. IMENA SPREMENLJIVK/METOD/RAZREDOV**

**UKAZ:**

*php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src\Deska\Controller\DeskaController.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<pmd version="@package\_version@" timestamp="2013-11-28T08:17:57+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Deska\src\Deska\Controller\DeskaController.php">*

*<violation beginline="16" endline="16" rule="LongVariable" ruleset="Naming Rules" exte*

*rnalInfoUrl="http://phpmd.org/rules/naming.html#longvariable" priority="3">*

*Avoid excessively long variable names like $kategorija\_repository. Keep variable nam*

*e length under 20.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

S tem pravilom v bistvu preverjamo imena spremenljivk/metod/razredov… V mojem primeru orodje javi, da je ena od spremenljivk predolga. Sicer ni kritično, vendar je vseeno dobro obdržati imena spremenljivk kratka in razumljiva ter logična.

**POPRAVKI:**

Ime spremenljivke skrašjamo, recimo $kategorija\_repo, kar je sicer še vedno dolgo, vendar je vseeno bolje kot do sedaj.

**4. DOLŽINA KODE**

**UKAZ:**

*php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src\Deska\Controller\DeskaController.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-28T08:22:16+01:00">*

*</pmd>*

**ANALIZA:**

S tem pravilom iščemo predolgo kodo znotraj zank, metod in drugih stavkov. V mojem primeru nič ne izstopa kod predolga koda. Orodje sicer najde stvari, kot so ponavljajoči klici funkcij, ki bi se recimo lahko zgodili znotraj zanke.

**POPRAVKI:**

Brez popravkov

* + 1. Entiteta Oglas

Koda entitete oglas je zelo preprosta, saj vsebuje le lastnosti le-teh, ki pa jih večino podeduje iz nadrazreda Objava. Koda vsebuje tudi komentarje, ki so namenjeni Doctrine-u, ki s pomočjo tek komentarjev ustvari tabelo oziroma entiteto v naši podatkovni bazi. Pravila za testiranje Doctrine ukazov nimamo, zato tudi ne vemo, ali so vsi ukazi spisani pravilno. Zato je ta del potrebno testirat ročno, kar pomeni, da je preprosto potrebno pognati ukaz za izgradnjo entitet in če se entiteta Oglas v podatkovni bazi ustvari pravilno in v celoti, dela vse tako kot mora.

* + 1. Testiranje obrazcev oglasne deske

Znotraj modula uporabljamo tudi 3 obrazce (forme), ki so oblikovane v obliki polja. Tako notacijo uporablja Zend Framework 2, ki iz tega zgradi pravi obrazec, torej HTML obrazec. Pravil za Zend obrazce nimamo, bomo pa zato uporabili vsa štiri že napisana pravila in tako poiskali napake, ki jih ta pravila najdejo.

**Dodajanje in urejanje posameznih oglasov**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src*

*\Deska\Form\DeskaForm.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-28T10:26:10+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Deska\src\Deska\Form\DeskaForm.php">*

*<violation beginline="142" endline="142" rule="ShortVariable" ruleset="Naming Rules" e*

*xternalInfoUrl="http://phpmd.org/rules/naming.html#shortvariable" priority="3">*

*Avoid variables with short names like $o. Configured minimum length is 2.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Nezaželeno je, da v svoji kodi uporabljamo imena spremenljivk, krajša od dveh znakov, kar nam pove tudi rezultat testiranja. Ena od spremenljivk je poimenovana z eno samo črko, kar ni zaželeno.

**POPRAVKI:**

Spremenljivki spremenimo ime tako, da je logično in vsebuje več črk.

**Obrazec za dodajanje kategorij**

To je kratka koda, ki naj nebi vsebovala kakršnihkoli napak. Vseeno testirmo z našimi pravili in preverimo rezultat.

**UKAZ:**

PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src

\Deska\Form\DodajKategorijoForm.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,

.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,

.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,

.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml

**REZULTAT:**

*<pmd version="@package\_version@" timestamp="2013-11-28T10:42:09+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Deska\src\Deska\Form\DodajKategorijoForm*

*.php">*

*<violation beginline="45" endline="45" rule="ShortVariable" ruleset="Naming Rules" ext*

*ernalInfoUrl="http://phpmd.org/rules/naming.html#shortvariable" priority="3">*

*Avoid variables with short names like $k. Configured minimum length is 2.*

*</violation>*

*</file>*

*</pmd>*

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-28T10:41:51+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Deska\src\Deska\Form\DodajKategorijoForm*

*.php">*

*<violation beginline="11" endline="11" rule="UnusedFormalParameter" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter" p*

*riority="3">*

*Avoid unused parameters such as '$name'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Testiranje s vsemi štirimi pravili najde 2 napaki: prekratko ime spremenljivke in neuporabljena spremenljivka.

**POPRAVKI:**

Ime spremenljivke v tem primeri spremenimo v $kat, za neuporabljeno spremenljivko pa najprej preverimo, kje se uporablja. Ugotovimo, da je to parameter konstruktorja našega obrazca, ki pa je vedno null. Parameter izbrišemo.

**Obrazec za filtriranje kategorij**

Zadnji obrazec tega modula je kratek obrazec z select elementom in potrditvenim gumbom. Pričakujemo, da napak sploh ne bi smelo biti, saj je koda kratka in preprosta vendar se je že prej izkazalo, da to zmeraj ne drži.

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd.\module\Deska\src\Deska\Form\FilterForm.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T08:27:01+01:00">*

*</pmd>*

**ANALIZA:**

Tokrat ni bilo napak

**POPRAVKI:**

Brez popravkov.

* + 1. Repozitorij

Repozitorij vsebuje metode za delo s podatkovno bazo, metode za dodajanje oziroma urejanje podatkov, brisanje le-teh ter podobno.

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\src*

*\Deska\Repository\OglasRepository.php xml .\vendor\phpmd\phpmd\src\main\resources\rulesets*

*\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T08:32:18+01:00">*

*</pmd>*

**ANALIZA:**

V tej kodi se napake niso pojavile.

**POPRAVKI:**

Brez popravkov.

* + 1. Testiranje “view-ev”

V tem modulu še nam ostane testiranje view-ev, oziroma delov kode, ki jih kot rezultat tega vidi uporabnik. Ta koda sicer v večini vsebuje HTML kodo, vendar so vmes tudi deli PHP kode, ki ponavadi služijo izpisovanju podatkov na zaslon. Zato bomo testirali tudi to.

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Deska\vie*

*w\deska\deska\index.phtml xml .\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-29T08:40:15+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

Testirali smo tudi vse druge view-e, kjer pa napak ni bilo zaznanih.

* 1. Modul novice
     1. Controller

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Controller\NovicaController.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:31:59+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Novice\src\Novice\Controller\NovicaContr*

*oller.php">*

*<violation beginline="21" endline="340" rule="TooManyMethods" ruleset="Code Size Rules*

*" package="Novice\Controller" externalInfoUrl="http://phpmd.org/rules/codesize.html#tooman*

*ymethods" class="NovicaController" priority="3">*

*The class NovicaController has 11 methods. Consider refactoring NovicaController to*

*keep number of methods under 10.*

*</violation>*

*</file>*

*</pmd>*

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:32:05+01:00">*

*</pmd>*

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Controller\NovicaController.php xml .\vendor\phpmd\phpmd\src\main\resources\rules*

*ets\design.xml*

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:32:16+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Novice\src\Novice\Controller\NovicaContr*

*oller.php">*

*<violation beginline="21" endline="340" rule="CouplingBetweenObjects" ruleset="Design*

*Rules" package="Novice\Controller" externalInfoUrl="http://phpmd.org/rules/design.html#cou*

*plingbetweenobjects" class="NovicaController" priority="2">*

*The class NovicaController has a coupling between objects value of 16. Consider to r*

*educe the number of dependencies under 13.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Najprej imamo napako v zvezi s številom metod v kontrolerju. Število metod bi naj bilo največ 10, ampak ker v našem primeru uporabljamo vse metode in jih v repozitorij ne moremo premakniti, ne moremo ničesar popravljati. Nato imamo tudi veliko odvisnosti trenutnega razreda od drugih razredov kar po pravilu “design.xml” ni dobro, vendar težavo težko odpravimo, saj bi potem spet morali metode premikat, recimo v repozitorij, kar pa ni dobro.

**POPRAVKI:**

Brez popravkov.

* + 1. Entitete

**Novica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Entity\Novica.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:41:50+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**DodatnaNovica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Entity\DodatnaNovica.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:43:50+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**ExtremeNovica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Entity\ExtremeNovica.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:46:41+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**IWNovica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Entity\IWNovica.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:50:00+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Obrazci

**IskanjeForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Form\IskanjeForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:53:50+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**IWForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Form\IWForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:55:46+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**KategorijaForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Form\KategorijaForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:57:57+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**NovicaForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Form\NovicaForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T17:59:46+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**ParseForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Form\ParseForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:02:21+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**UrediForm**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Form\UrediForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:12:07+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Repozitoriji

**Novica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Repository\NovicaRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:18:25+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**IWNovica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Repository\IWNovicaRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:20:24+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**DodatnaNovica**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Repository\DodatnaNovicaRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:22:55+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. ViewHelper (requestHelper)

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Novice\sr*

*c\Novice\Repository\DodatnaNovicaRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:26:09+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* 1. Modul vprašanja
     1. Controller

**Odgovor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja\src\Vprasanja\Controller\OdgovorController.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:29:08+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Vprasanje**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja\src\Vprasanja\Controller\VprasanjeController.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:29:56+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Vprasanja\src\Vprasanja\Controller\Vpras*

*anjeController.php">*

*<violation beginline="19" endline="19" rule="LongVariable" ruleset="Naming Rules" exte*

*rnalInfoUrl="http://phpmd.org/rules/naming.html#longvariable" priority="3">*

*Avoid excessively long variable names like $stackVprasanjeRepository. Keep variable*

*name length under 20.*

*</violation></file></pmd>*

**ANALIZA:**

Napaka je pri eni od spremenljivk, ki je poimenovana predolgo.

**POPRAVKI:**

Popravimo spremenljivko tako, da jo skrajšamo.

* + 1. Entitete

**Odgovor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Entity\Odgovor.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:49:49+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**StackOdgovor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Entity\StackOdgovor.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:55:41+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**StackVprasanje**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Entity\StackVprasanje.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T18:57:58+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Vprasanje**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Entity\Vprasanje.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T19:00:01+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Obrazci

**Odgovor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Form\OdgovorForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T19:57:42+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Vprasanje**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Form\VprasanjeForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T19:59:08+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Vprasanja\src\Vprasanja\Form\VprasanjeFo*

*rm.php">*

*<violation beginline="119" endline="119" rule="UnusedLocalVariable" ruleset="Unused Co*

*de Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" pri*

*ority="3">*

*Avoid unused local variables such as '$odgovor'.*

*</violation></file></pmd>*

**ANALIZA:**

Imamo eno neuporabljeno spremenljivko v svoji kodi.

**POPRAVKI:**

Preverimo spremenljivko, ki je ne uporabljamo in ugotovimo, da smo pri metodi fill(), ki napolni obrazec s podatki vprašanja iz podatkovne baze naredili napako. Obrazec polnimo s podatki o vprašanju, za id pa uporabimo id od odgovora, spremenljivka za odgovor pa seveda ne obstaja. Najden hrošč!

* + 1. Repozitoriji

**Odgovor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Repository\OdgovorRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:20:46+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**StackVprasanje**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Repository\StackVprasanjeRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:23:45+01:00"></pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Vprasanje**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\Repository\VprasanjeRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:25:35+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Viewhelper

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Vprasanja*

*\src\Vprasanja\View\Helper\Tab.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:29:12+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* 1. Modul urniki
     1. Controller

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Controller\UrnikiController.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:32:33+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Urniki\src\Urniki\Controller\UrnikiContr*

*oller.php">*

*<violation beginline="59" endline="59" rule="UnusedLocalVariable" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" prior*

*ity="3">*

*Avoid unused local variables such as '$program'.*

*</violation>*

*<violation beginline="60" endline="60" rule="UnusedLocalVariable" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedlocalvariable" prior*

*ity="3">*

*Avoid unused local variables such as '$letnik'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Napaki sta dve, to pa sta neuporabljeni spremenljivki. Preverimo kodo in ugotovimo, da si v spremenljivki hranimo URL parametra, to sta program in letnik, ki pa se pozneje nikjer ne uporabijo, kar pomeni, da ju lahko preprosto izbrišemo.

**POPRAVKI:**

Izbrišemo neuporabljene spremenljivke.

* + 1. Entitete

Entitete, ki jih uporabljamo za urnik, so entitete iz podatkovne baze Fakultete za elektrotehniko, računalništvo in informatiko, zato predvidevamo, da so napisane pravilno in jih ne testiramo.

* + 1. Obrazec

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Form\UrnikiForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:40:27+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Urniki\src\Urniki\Form\UrnikiForm.php">*

*<violation beginline="9" endline="9" rule="UnusedFormalParameter" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter" pri*

*ority="3">*

*Avoid unused parameters such as '$letniki'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Znova se pojavlja ena neuporabljena spremenljivka, oziroma parameter metode. Po ročni analizi kode ugotovimo, da spremenljivke dejansko nikjer ne uporabimo, zato jo lahko izbrišemo.

**POPRAVKI:**

Izbrišemo ne uporabljeno spremenljivko oziroma parameter.

* + 1. Repozitoriji

**Predmet**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Repository\PredmetRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:49:16+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Program**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Repository\ProgramRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:55:58+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Prostor**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Repository\ProstorRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:55:58+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Schedule**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Repository\ScheduleRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:58:55+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Smer**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Repository\SmerRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T22:59:58+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Week**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Urniki\sr*

*c\Urniki\Repository\SmerRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:01:51+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* 1. Modul datoteke
     1. Controller

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Controller\DatotekaController.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:05:27+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Entiteta

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Entity\Datoteka.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:07:33+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

* + 1. Obrazci

**Datoteka**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Form\DatotekaForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:09:48+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Isci**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Form\IsciForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:11:02+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**Uredi**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Form\UrediForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:12:27+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

**View**

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Form\ViewForm.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:13:38+01:00">*

*<file name="C:\xampp\htdocs\prokrastinat\module\Datoteke\src\Datoteke\Form\ViewForm.php"*

*>*

*<violation beginline="9" endline="9" rule="UnusedFormalParameter" ruleset="Unused Code*

*Rules" externalInfoUrl="http://phpmd.org/rules/unusedcode.html#unusedformalparameter" pri*

*ority="3">*

*Avoid unused parameters such as '$name'.*

*</violation>*

*</file>*

*</pmd>*

**ANALIZA:**

Imamo neuporabljen parameter v eni izmed metod. Ugotovimo, da v konstruktor forme prenesemo parameter $name, ki velja kot ime forme, ki pa je vedno null, saj ga nastavimo pozneje.

**POPRAVKI:**

Brez popravkov.

* + 1. Repozitorij

**UKAZ:**

*PS C:\xampp\htdocs\prokrastinat> php .\vendor\phpmd\phpmd\src\bin\phpmd .\module\Datoteke\*

*src\Datoteke\Repository\DatotekaRepository.php xml*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\design.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\codesize.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\unusedcode.xml,*

*.\vendor\phpmd\phpmd\src\main\resources\rulesets\naming.xml*

**REZULTAT:**

*<?xml version="1.0" encoding="UTF-8" ?>*

*<pmd version="@package\_version@" timestamp="2013-11-30T23:17:39+01:00">*

*</pmd>*

**ANALIZA:**

Brez napak.

**POPRAVKI:**

Brez popravkov.

1. Opazki in zaključek

Najprej smo seveda opazili, da bi bilo testiranje najboljše, najbolj enostavno in verjetno tudi najbolj koristno, če bi testirali že sproti in ne na koncu, saj se testiranja nabere. Potem je seveda logično, da smo pri nekatrih datotekah naredili mnogo več napak kot pri nekaterih drugih. Entitete tako izstopajo kot datoteke z manj napakami, kontrolerji in repozitoriji so pa datoteke, kjer smo naredili največ napak. Prav tako je največ napak bilo povezano z neuporabljenimi spremenljivkami ali neuporabljenimi parametri, kar sicer ni tako kritično, vendar smo vseeno v nekaterih primeri ugotovili, da gre za kar neprijetnega hrošča (primer je bil pri vprašanjih, kjer smo pri metodi fill() hoteli uporabiti ID od odgovora, čeprav le tega ni bilo, a če tudi bi ta ID imeli, bi metoda delovala nepravilno, saj bi v obrazec zapisala ID odgovora, mi pa smo potrebovali ID vprašanja, kar bi vodilo do tega, da bi urejali napačno vprašanje, razen če bi bila sreča in bi neki odgovor imel enak ID kot naše vprašanje). Na koncu pa smo seveda ugotovili še, kdo od nas je napisal najbolj učinkovito kodo, torej kodo z najmanj napakami. Ta podatek bomo ohranili zase.

Sicer je pa testiranje potekalo kar se da hitro, brez nekih zapletov. Na začetku smo se seveda morali navaditi na orodje, ki v Windows okolju vsekakor ni prijetno, saj ga moraš neprestano odpirati z PHP (php na začetku vsakega ukaza), kar pa pomeni, da kljub temu, da v sistemsko spremenljivko(PATH) dodaš pot do phpmd, se le-ta ne zažene kar z ukazom phpmd, kar pomeni, da je potrebno napisati celotno pod do programa in do navodil, kar pa naredi ukaz neprijetno dolg (se vidi v testiranjih).