PMD report

Problems found

#	File	Line	Problem
1 C:\Users\Lenia\Doo	$cuments \\ Git Hub \\ Locali Application \\ src\\ main\\ java\\ Controller\\ Account Controllers\\ Delete Account Controller. \\ java$	31	Potential violation of Law of Demeter (static property access)
2 C:\Users\Lenia\Doo	$cuments \\ Git Hub \\ Locali Application \\ src\\ main\\ java\\ Controller\\ Account Controller\\ Delete Account Controller. \\ java\\ Main\\ java\\ Main\\ Main\\$	38	Potential violation of Law of Demeter (static property access)
3 C:\Users\Lenia\Doo	$cuments \\ Git Hub \\ Locali Application \\ src\\ main\\ java\\ Controller\\ Account Controllers\\ Delete Account Controller. \\ java$	40	Potential violation of Law of Demeter (static property access)
4 C:\Users\Lenia\Doo	$cuments \\ Git Hub \\ Locali Application \\ src\\ main\\ java\\ Controller\\ Account Controller\\ Log In Controller. \\ java\\ Controller\\ Account Controller\\ Log In Controller\\ Java\\ Controller\\ Log In Controll$	43	Potential violation of Law of Demeter (static property access)
5 C:\Users\Lenia\Doo	cuments\GitHub\LocaliApplication\src\main\java\Controller\AccountControllers\LogInController.java	44	Potential violation of Law of Demeter (static property access)
6 C:\Users\Lenia\Doo	$cuments \\ Git Hub \\ Locali Application \\ src \\ main \\ java \\ Controller \\ Account Controller \\ Log In Controller. \\ java \\ locali \\ loca$	45	Potential violation of Law of Demeter (static property access)
7 C:\Users\Lenia\Doo	cuments\GitHub\LocaliApplication\src\main\java\Controller\AccountControllers\LogInController.java	82	Potential violation of Law of Demeter (static property access)
8 C:\Users\Lenia\Doo	$cuments \\ Git Hub \\ Locali Application \\ src\\ main\\ java\\ Controller\\ Account Controllers\\ Log In Controller. java$	82	Potential violation of Law of Demeter

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		(static property access)
9 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\AccountControllers\LogInController.java	85	Potential violation of Law of Demeter (static property access)
$10 C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	35	Potential violation of Law of Demeter (static property access)
$11\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	38	Potential violation of Law of Demeter (method chain calls)
$12\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	38	Potential violation of Law of Demeter (static property access)
$13\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	38	Potential violation of Law of Demeter (static property access)
$14\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	40	Potential violation of Law of Demeter (static property access)
$15\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	55	Potential violation of Law of Demeter (static property access)
$16\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	36	Potential violation of Law of Demeter (static property access)
$17\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	37	Potential violation of Law of Demeter

		(static property access)
$18\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	38	Potential violation of Law of Demeter (static property access)
$19\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	39	Potential violation of Law of Demeter (static property access)
$20 C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \$	49	Potential violation of Law of Demeter (static property access)
$21\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	50	Potential violation of Law of Demeter (static property access)
$22 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	51	Potential violation of Law of Demeter (static property access)
$23 C: \ \ \ CountController \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	59	Potential violation of Law of Demeter (static property access)
$24\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	60	Potential violation of Law of Demeter (static property access)
$25 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	61	Potential violation of Law of Demeter (static property access)
26 C: lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:	68	Potential violation of Law of Demeter
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		(static property access)
27 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\AccountControllers\ProfilePageController.java	68	Potential violation of Law of Demeter (static property access)
$28 C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \$	69	Potential violation of Law of Demeter (static property access)
29 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\AccountControllers\ProfilePageController.java	97	Potential violation of Law of Demeter (static property access)
$30 C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	36	Potential violation of Law of Demeter (static property access)
$31\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	46	Potential violation of Law of Demeter (static property access)
$32 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	46	Potential violation of Law of Demeter (static property access)
$33 C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	47	Potential violation of Law of Demeter (static property access)
$34\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	48	Potential violation of Law of Demeter (static property access)
$35 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	49	Potential violation of Law of Demeter

		(static property
$36 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	64	Potential violation of Law of Demeter (static property access)
$37\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	65	Potential violation of Law of Demeter (static property access)
$38 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	66	Potential violation of Law of Demeter (static property access)
$39 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	67	Potential violation of Law of Demeter (static property access)
$40 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	68	Potential violation of Law of Demeter (static property access)
$41\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	54	Potential violation of Law of Demeter (static property access)
$42\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	55	Potential violation of Law of Demeter (static property access)
$43\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	116	Potential violation of Law of Demeter (method chain calls)
$44\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	116	Potential violation of Law of Demeter

	(static property access)
$45\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of 133 <u>Law of Demeter</u> (method chain calls)
$46\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (static property access)
$47\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	57 Potential violation of Law of Demeter (static property access)
$48\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	58 Potential violation of Law of Demeter (static property access)
$49 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	59 Potential violation of Law of Demeter (static property access)
$50 C: \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	61 Potential violation of Law of Demeter (static property access)
$51\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	62 Potential violation of Law of Demeter (static property access)
$52 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	63 Potential violation of Law of Demeter (static property access)
$53 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	64 <u>Potential violation of Law of Demeter</u>
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		·
		(static property access)
$54\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	65	Potential violation of Law of Demeter (static property access)
$55 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	66	Potential violation of Law of Demeter (static property access)
$56 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	68	Potential violation of Law of Demeter (static property access)
$57\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	69	Potential violation of Law of Demeter (static property access)
$58 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	70	Potential violation of Law of Demeter (static property access)
$59 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	71	Potential violation of Law of Demeter (static property access)
$60 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	72	Potential violation of Law of Demeter (static property access)
$61\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	73	Potential violation of Law of Demeter (static property access)
$62\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	81	Potential violation of Law of Demeter
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		(static property access)
$63 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	86	Potential violation of Law of Demeter (static property access)
$64\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	88	Avoid catching generic exceptions such as NullPointerException, RuntimeException, Exception in try-catch block
$65 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	101	Potential violation of Law of Demeter (method chain calls)
$66 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	101	Potential violation of Law of Demeter (static property access)
$67\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	102	Potential violation of Law of Demeter (static property access)
$68\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	102	Potential violation of Law of Demeter (static property access)
$69 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	103	Potential violation of Law of Demeter (static property access)
$70 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	103	Potential violation of Law of Demeter (static property access)

71 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetPageController.java	103 Potential violation of Law of Demeter (static property access)
$72 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	104 Potential violation of Law of Demeter (static property access)
$73 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	104 Potential violation of Law of Demeter (static property access)
$74\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$75 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (static property access)
$76 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (method chain calls)
$77 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of 114 <u>Law of Demeter</u> (method chain calls)
$78 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (method chain calls)
$79 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (method chain calls)
$80 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (method chain calls)
$81\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	118 Potential violation of Law of Demeter
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	(method chain calls)
82 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetPageController.java	Potential violation of Law of Demeter (method chain calls)
$83\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	130 Potential violation of Law of Demeter (static property access)
$84\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (static property access)
$85\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	132 Potential violation of Law of Demeter (static property access)
$86 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (static property access)
$87\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (static property access)
$88 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (static property access)
$89 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	136 Potential violation of Law of Demeter (static property access)
$90 C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	158 Potential violation of Law of Demeter (static property access)

91 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetPageController.java	158 Potential violation of Law of Demeter (static property access)
$92\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	159 Potential violation of Law of Demeter (static property access)
$93 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	159 Potential violation of Law of Demeter (static property access)
$94\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	159 Potential violation of Law of Demeter (static property access)
$95 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	159 Potential violation of Law of Demeter (static property access)
$96 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	188 Potential violation of Law of Demeter (static property access)
$97\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (method chain calls)
$98 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	35 Potential violation of Law of Demeter (static property access)
$99 C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	Potential violation of Law of Demeter (method chain calls)
$100\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	36 <u>Potential violation of Law of Demeter</u>
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		(static property access)
$101\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	37	Potential violation of Law of Demeter (method chain calls)
$102\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	37	Potential violation of Law of Demeter (static property access)
$103\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	38	Potential violation of Law of Demeter (method chain calls)
$104\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	38	Potential violation of Law of Demeter (static property access)
$105\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	39	Potential violation of Law of Demeter (method chain calls)
$106\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	39	Potential violation of Law of Demeter (static property access)
$107\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	40	Potential violation of Law of Demeter (method chain calls)
$108\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	40	Potential violation of Law of Demeter (static property access)
$109\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	48	Potential violation of Law of Demeter (static property access)
$110\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	50	Potential violation of Law of Demeter
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		(static property access)
111 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 5	52	Potential violation of Law of Demeter (static property access)
112 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 5	54	Potential violation of Law of Demeter (static property access)
113 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 5	56	Potential violation of Law of Demeter (static property access)
114 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 5	58	Potential violation of Law of Demeter (static property access)
115 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 7	72	Avoid catching generic exceptions such as NullPointerException, RuntimeException, Exception in try-catch block
116 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 8	32	Potential violation of Law of Demeter (static property access)
117 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 8	33	Potential violation of Law of Demeter (static property access)
118 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\BudgetControllers\BudgetSliderController.java 8	34	Potential violation of Law of Demeter

		(static property access)
$119\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	85	Potential violation of Law of Demeter (static property access)
$120\ C: \ \ Lenia \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	86	Potential violation of Law of Demeter (static property access)
$121\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	87	Potential violation of Law of Demeter (static property access)
$122\ C: \ \ Lenia \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	70	Potential violation of Law of Demeter (static property access)
$123\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	29	This class has too many methods, consider refactoring it.
$124\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	62	Potential violation of Law of Demeter (method chain calls)
$125\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	63	Potential violation of Law of Demeter (method chain calls)
126 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	64	Potential violation of Law of Demeter (method chain calls)
$127\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	67	Potential violation of Law of Demeter (method chain calls)
$128\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	67	Potential violation of Law of Demeter
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		(object not created locally)
129 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	58	Potential violation of Law of Demeter (method chain calls)
130 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	58	Potential violation of Law of Demeter (object not created locally)
131 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	93	Potential violation of Law of Demeter (static property access)
132 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	99	Potential violation of Law of Demeter (static property access)
133 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	99	Potential violation of Law of Demeter (static property access)
134 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	99	Potential violation of Law of Demeter (static property access)
135 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	02	Potential violation of Law of Demeter (method chain calls)
136 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	02	Potential violation of Law of Demeter (static property access)
137 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\EntryControllers\EntryPageController.java	03	Potential violation of Law of Demeter (static property access)

$138\ C: \ \ Lenia \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	104 Potential violation of Law of Demeter (static property access)
$139\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$140\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	105 Potential violation of Law of Demeter (static property access)
$141\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Avoid catching generic exceptions such as 107 NullPointerException, RuntimeException, Exception in try-catch block
$142\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$143\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of 194 Law of Demeter (method chain calls)
$144\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	194 Potential violation of Law of Demeter (static property access)
$145\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$146\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	207 Potential violation of Law of Demeter (static property access)
$147\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	218 Potential violation of
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	Law of Demeter
	(method chain calls)
$148\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	218 Potential violation of Law of Demeter (static property access)
$149\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$150\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	220 Potential violation of Law of Demeter (static property access)
$151\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$152\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	221 Potential violation of Law of Demeter (static property access)
$153\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$154\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	223 Potential violation of Law of Demeter (static property access)
$155\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$156\ C: \ Users \ Lenia \ Documents \ Git \ Hub \ Locali \ Application \ src \ main \ java \ Controller \ Entry \ Page Controller. java \ normalis \ page $	224 Potential violation of Law of Demeter (static property access)
$157\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	231 <u>Potential violation of</u> <u>Law of Demeter</u>
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	(method chain calls)
$158\ C: \ Users \ Lenia \ Documents \ Git Hub \ Locali Application \ src \ main \ java \ Controller \ Entry Controllers \ Entry Page Controller. java$	231 Potential violation of Law of Demeter (static property access)
$159\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	242 Potential violation of Law of Demeter (static property access)
$160\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	243 Potential violation of Law of Demeter (static property access)
$161\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	244 Potential violation of Law of Demeter (static property access)
$162\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	245 Potential violation of Law of Demeter (static property access)
$163\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	246 Potential violation of Law of Demeter (static property access)
$164\ C: \ \ Lenia \ \ Documents \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Potential violation of Law of Demeter (method chain calls)
$165\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	256 Potential violation of Law of Demeter (static property access)
$166\ C: \ \ Lenia \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	258 Potential violation of Law of Demeter (static property access)

$167\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	259	Potential violation of Law of Demeter (static property access)
$168\ C: \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	46	Potential violation of Law of Demeter (method chain calls)
$169\ C: \ \ Controller: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	46	Potential violation of Law of Demeter (static property access)
$170\ C: \ \ Controller: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	55	Potential violation of Law of Demeter (static property access)
$171\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	56	Potential violation of Law of Demeter (static property access)
$172\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	57	Potential violation of Law of Demeter (static property access)
$173\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	42	Avoid throwing raw exception types.
$174\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	56	Potential violation of Law of Demeter (static property access)
$175\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	57	Potential violation of Law of Demeter (static property access)
$176\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	57	Potential violation of Law of Demeter

		(static property access)
$177\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	58	Potential violation of Law of Demeter (method chain calls)
$178\ C: \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	58	Potential violation of Law of Demeter (static property access)
$179\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	59	Potential violation of Law of Demeter (static property access)
$180\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	62	Avoid catching generic exceptions such as NullPointerException, RuntimeException, Exception in try-catch block
$181\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	82	Potential violation of Law of Demeter (static property access)
$182\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	99	Potential violation of Law of Demeter (static property access)
$183\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	106	Potential violation of Law of Demeter (static property access)
$184\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	106	Potential violation of Law of Demeter (static property access)

$185\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	115	Potential violation of Law of Demeter (static property access)
$186\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	18	Potential violation of Law of Demeter (static property access)
$187\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	19	Potential violation of Law of Demeter (static property access)
$188\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	20	Potential violation of Law of Demeter (static property access)
$189\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	21	Potential violation of Law of Demeter (static property access)
$190\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	22	Potential violation of Law of Demeter (static property access)
191 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\MainControllers\HeaderController.java	23	Potential violation of Law of Demeter (static property access)
192 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\MainControllers\HeaderController.java	24	Potential violation of Law of Demeter (static property access)
193 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Controller\MainControllers\HomePageController.java	82	Potential violation of Law of Demeter (method chain calls)
$194\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	81	Potential violation of
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		Law of Demeter (static property access)
$195\ C: \ \ Controller\ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	115	Potential violation of Law of Demeter (static property access)
$196\ C: \ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	116	Potential violation of Law of Demeter (static property access)
$197\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	117	Potential violation of Law of Demeter (static property access)
$198\ C: \ \ Controller\ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	118	Potential violation of Law of Demeter (static property access)
$199\ C: \ \ Controller\ \ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	119	Potential violation of Law of Demeter (static property access)
$200\ C: \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	120	Potential violation of Law of Demeter (static property access)
$201\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	68	Potential violation of Law of Demeter (method chain calls)
$202\ C: \ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	68	Potential violation of Law of Demeter (static property access)
$203\ C: \ \ \ Controller \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	70	Potential violation of Law of Demeter

		(static property access)
$204\ C: \ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	83	Potential violation of Law of Demeter (method chain calls)
$205\ C: \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	83	Potential violation of Law of Demeter (static property access)
$206\ C: \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	85	Potential violation of Law of Demeter (static property access)
$207\ C: \ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	98	Potential violation of Law of Demeter (method chain calls)
$208\ C: \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	98	Potential violation of Law of Demeter (static property access)
$209\ C: \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	100	Potential violation of Law of Demeter (static property access)
$210\ C: \ \ \ Controller\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	108	Potential violation of Law of Demeter (static property access)
$211\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	109	Potential violation of Law of Demeter (static property access)
$212\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	110	Potential violation of Law of Demeter (static property access)

213 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\AccountLogic\Account.java	9	The class 'Account' is suspected to be a Data Class (WOC=11.111%, NOPA=0, NOAM=8, WMC=11)
214 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\AccountLogic\AccountFacade.java	103	Rather than using a lot of String arguments, consider using a container object for those values.
215 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\AccountLogic\AccountFacade.java	165	Potential violation of Law of Demeter (method chain calls)
216 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\AccountLogic\LogInHandler.java	20	Potential violation of Law of Demeter (method chain calls)
217 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\AccountLogic\SendMail.java	89	Avoid throwing raw exception types.
$218\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	7	The class 'Budget' is suspected to be a Data Class (WOC=6.250%, NOPA=0, NOAM=14, WMC=17)
219 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\EntryLogic\Entry.java	14	The class 'Entry' is suspected to be a Data Class (WOC=28.571%, NOPA=0, NOAM=4, WMC=8)
220 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\GoalsLogic\SavingsOverview.java	46	Potential violation of <u>Law of Demeter</u> (method chain calls)
221 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Model\GoalsLogic\SavingsOverview.java	105	Potential violation of
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		Law of Demeter
$222\ C: \ Users \ Lenia \ Documents \ Git \ Hub \ Locali \ Application \ src \ main \ java \ Service \ Pane \ Factory. \ java$	33	(method chain calls) All methods are static. Consider using a utility class instead. Alternatively, you could add a private constructor or make the class abstract to silence this warning.
223 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	33	This class has too many methods, consider refactoring it.
224 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	48	Potential violation of Law of Demeter (method chain calls)
225 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	48	Potential violation of Law of Demeter (method chain calls)
$226\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	71	Potential violation of Law of Demeter (static property access)
227 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	77	Potential violation of Law of Demeter (static property access)
228 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	84	Potential violation of Law of Demeter (static property access)
229 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	91	Potential violation of Law of Demeter (static property access)

	Law of Demeter (static property access)
231 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
232 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
233 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
234 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
235 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
236 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
237 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)
238 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\Service\PaneFactory.java	Potential violation of Law of Demeter (static property access)

239 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\StairwayInterfaces\iAccountFacade.java	6	Rather than using a lot of String arguments, consider using a container object for those values.
240 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\AccountView\LogInView.java	76	Potential violation of Law of Demeter (method chain calls)
$241\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	77	Potential violation of Law of Demeter (method chain calls)
242 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\AccountView\ProfilePageView.java	73	Potential violation of Law of Demeter (method chain calls)
$243\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	91	Potential violation of Law of Demeter (method chain calls)
$244\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	99	Potential violation of Law of Demeter (method chain calls)
$245\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	108	Potential violation of Law of Demeter (method chain calls)
246 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\BudgetView\BudgetChartView.java	43	Potential violation of Law of Demeter (method chain calls)
247 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\BudgetView\BudgetView.java	10	Too many fields
$248\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	85	Potential violation of Law of Demeter (method chain calls)
249 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\EntryView.java	40	Perhaps 'parent' could be replaced by a local variable.
250 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\EntryView\EntryView.java	60	Potential violation of
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		Law of Demeter (method chain calls)
$251\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	69	Potential violation of Law of Demeter (static property access)
$252\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	70	Potential violation of Law of Demeter (static property access)
$253\ C: \ \ \ Coals View\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	42	Potential violation of Law of Demeter (method chain calls)
$254\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	57	Potential violation of Law of Demeter (method chain calls)
$255\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	13	This class has too many methods, consider refactoring it.
$256\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	83	Potential violation of Law of Demeter (method chain calls)
$257\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	83	Potential violation of Law of Demeter (static property access)
$258\ C: \ \ \ C: \ \ \ \ \ \ \ \ \ \ \ \ \ $	84	Potential violation of Law of Demeter (method chain calls)
$259\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	84	Potential violation of Law of Demeter (static property access)
$260\ C: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	85	Potential violation of Law of Demeter
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		static property ccess)
261 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsDetailView.java	20 <u>b</u>	Perhaps 'parent' could be replaced by a local variable.
262 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsDetailView.java	′4 <u>I</u>	Potential violation of Law of Demeter method chain calls)
263 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsDetailView.java	'9 <u>I</u>	Potential violation of Law of Demeter method chain calls)
264 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsDetailView.java	34 <u>I</u>	Potential violation of Law of Demeter method chain calls)
265 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsDetailView.java	39 <u>I</u>	Potential violation of Law of Demeter method chain calls)
266 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsDetailView.java	6 <u>I</u>	Potential violation of Law of Demeter method chain calls)
267 C:\Users\Lenia\Documents\GitHub\LocaliApplication\src\main\java\View\StatisticsView\StatisticsOverviewView.java 60	66 <u>I</u>	Potential violation of Law of Demeter method chain calls)