CK Metrics Calculation

Package

- **com.Vitt.project**

    # IL instructions: 2 108

    # lines of code (LOC):   982

    # lines of comment: 201

    Percentage Comment: 27.13

    # Methods: 33

    # Fields: 45

    # Types: 7

CLASS Wise Metrics

- **SignUp Class**

# IL instructions: 683	Size of instance: 358
# lines of code (LOC): 120	Depth of inheritance: 5
# lines of comment: 44	# Children: 0
Percentage Comment: 26.83	# interfaces implemented: 0
Cyclomatic Complexity (CC): 18	Association Between Types (ABT): 38
IL Cyclomatic Complexity (ILCC): 23	Lack of Cohesion Of Methods (LCOM): 0.78
IL Nesting Depth: 3	LCOM Henderson-Sellers (LCOMHS): 0.87
# Methods: 10	

- **Portfolio class**

# IL instructions: 530	Size of instance: 358
# lines of code (LOC): 90	Depth of inheritance: 7
# lines of comment: 15	# Children: 0
Percentage Comment: 14.29	# interfaces implemented: 0
Cyclomatic Complexity (CC): 20	Association Between Types (ABT): 59
IL Cyclomatic Complexity (ILCC): 27	Lack of Cohesion Of Methods (LCOM): 0.71
IL Nesting Depth: 8	LCOM Henderson-Sellers (LCOMHS): 0.83
# Methods: 7	

- **Home_Page class**

  # IL instructions: 530

  # lines of code (LOC):   90

  # lines of comment: 15

  Percentage Comment: 14.29

  Cyclomatic Complexity (CC):   20

  IL Cyclomatic Complexity (ILCC):   27

  IL Nesting Depth: 8

  # Methods: 7

  Size of instance: 358

  Depth of inheritance: 7

  # Children: 0

  # interfaces implemented: 0

  Association Between Types (ABT):   59

  Lack of Cohesion Of Methods (LCOM):   0.71

  LCOM Henderson-Sellers (LCOMHS):   0.83

- **LogIn Class**

  # IL instructions: 478

  # lines of code (LOC):   80

  # lines of comment: 35

  Percentage Comment: 30.43

  Cyclomatic Complexity (CC):   11

  IL Cyclomatic Complexity (ILCC):   14

  IL Nesting Depth: 3

  # Methods: 7

  Size of instance: 338

  Depth of inheritance: 7

  # Children: 0

  # interfaces implemented: 0

  Association Between Types (ABT):   49

  Lack of Cohesion Of Methods (LCOM):   0.57

  LCOM Henderson-Sellers (LCOMHS):   0.67

- **Transactions Class**

  # IL instructions: 342

  # lines of code (LOC):   62

  # lines of comment: 32

  Percentage Comment: 34.04

  Cyclomatic Complexity (CC):   5

  IL Cyclomatic Complexity (ILCC):   6

  IL Nesting Depth: 1

  # Methods: 3

  Size of instance: 334

  Depth of inheritance: 7

  # Children: 0

  # interfaces implemented: 0

  Association Between Types (ABT):   32

  Lack of Cohesion Of Methods (LCOM):   0.62

  LCOM Henderson-Sellers (LCOMHS):   0.93

- **View class**

# IL instructions: 530	Size of instance: 358
# lines of code (LOC): 90	Depth of inheritance: 7
# lines of comment: 15	# Children: 0
Percentage Comment: 14.29	# interfaces implemented: 0
Cyclomatic Complexity (CC): 20	Association Between Types (ABT): 59
IL Cyclomatic Complexity (ILCC): 27	Lack of Cohesion Of Methods (LCOM): 0.71
IL Nesting Depth: 8	LCOM Henderson-Sellers (LCOMHS): 0.83
# Methods: 7	

- **Alert Class**

# IL instructions: 530	Size of instance: 358
# lines of code (LOC): 90	Depth of inheritance: 7
# lines of comment: 15	# Children: 0
Percentage Comment: 14.29	# interfaces implemented: 0
Cyclomatic Complexity (CC): 20	Association Between Types (ABT): 59
IL Cyclomatic Complexity (ILCC): 27	Lack of Cohesion Of Methods (LCOM): 0.71
IL Nesting Depth: 8	LCOM Henderson-Sellers (LCOMHS): 0.83
# Methods: 7	

- **Excel class**

# IL instructions: 420	Size of instance: 359
# lines of code (LOC): 87	Depth of inheritance: 8
# lines of comment: 17	# Children: 0
Percentage Comment: 14.29	# interfaces implemented: 0
Cyclomatic Complexity (CC): 21	Association Between Types (ABT): 59
IL Cyclomatic Complexity (ILCC): 37	Lack of Cohesion Of Methods (LCOM): 0.71
IL Nesting Depth: 8	LCOM Henderson-Sellers (LCOMHS): 0.83
# Methods: 9	

- **Notification Class**

IL instructions: 204

lines of code (LOC):   54

lines of comment: 11

Percentage Comment: 14.29

Cyclomatic Complexity (CC):   12

IL Cyclomatic Complexity (ILCC):   26

IL Nesting Depth: 2

Methods: 4

Size of instance: 231

Depth of inheritance: 2

Children: 0

interfaces implemented: 0

Association Between Types (ABT):   43

Lack of Cohesion Of Methods (LCOM):   0.71

LCOM Henderson-Sellers (LCOMHS):   0.83

METHODS Wise Metrics

- public Void **getInput()**

- class **Sign_Up**

IL instructions: 110

lines of code (LOC):   14

lines of comment: 0

Percentage Comment: 0%

Cyclomatic Complexity (CC):   4

IL Cyclomatic Complexity (ILCC):   6

Overloads: 1

Parameters: 0

Variables: 6

Methods called: 2

Methods calling me: 1

Method Rank: 0.78

- public Void **getinfo()**

-

class **Portfolio**

IL instructions: 98

lines of code (LOC):   35

lines of comment: 0

Percentage Comment: 0%

Cyclomatic Complexity (CC):   5

IL Cyclomatic Complexity (ILCC):   4

Overloads: 1

Parameters: 0

Variables: 4

Methods called: 3

Methods calling me: 1

Method Rank: 0.68

- public Void **check()**

  - class **LogIn**   # Overloads: 1
  # IL instructions: 86   # Parameters: 0
  # lines of code (LOC):   14   # Variables: 7
  # lines of comment: 1   Method Level: 4
  Percentage Comment: 6.67   # Methods called: 7
  Cyclomatic Complexity (CC):   3   # Methods calling me: 1
  IL Cyclomatic Complexity (ILCC):   4   Method Rank: 0.79

`

- public Void **show()**

  - class **HomePage**   # Overloads: 1
  # IL instructions: 58   # Parameters: 2
  # lines of code (LOC):   8   # Variables: 4
  # lines of comment: 0   Method Level: 2
  Percentage Comment: 0%   # Methods called: 6
  Cyclomatic Complexity (CC):   3   # Methods calling me: 1
  IL Cyclomatic Complexity (ILCC):   5   Method Rank: 0.29

- public Void **getTransactions()**

  - class **Transactions**   # Overloads: 2
  # IL instructions: 85   # Parameters: 4
  # lines of code (LOC):   8   # Variables: 6
  # lines of comment: 0   Method Level: 2
  Percentage Comment: 0%   # Methods called: 6
  Cyclomatic Complexity (CC):   3   # Methods calling me: 1
  IL Cyclomatic Complexity (ILCC):   5   Method Rank: 0.29

- public String **showData()**

  - class **View**   # lines of code (LOC):   16
  # IL instructions: 102   # lines of comment: 2

Percentage Comment: 6.87

Cyclomatic Complexity (CC):   2

IL Cyclomatic Complexity (ILCC):   3

Overloads: 1

Parameters: 0

Variables: 5

Method Level: 2

Methods called: 4

Methods calling me: 1

Method Rank: 0.99

- public Void show**()**

- class Alert

IL instructions: 85

lines of code (LOC):   8

lines of comment: 0

Percentage Comment: 0%

Cyclomatic Complexity (CC):   3

IL Cyclomatic Complexity (ILCC):   5

Overloads: 2

Parameters: 4

Variables: 6

Method Level: 2

Methods called: 6

Methods calling me: 1

Method Rank: 0.29

- public Void **Import()**

- class **Excel**

IL instructions: 130

lines of code (LOC):   9

lines of comment: 0

Percentage Comment: 0%

Cyclomatic Complexity (CC):   5

IL Cyclomatic Complexity (ILCC):   6

Overloads: 1

Parameters: 1

Variables: 9

Method Level: 1

Methods called: 2

Methods calling me: 0

Method Rank: 0.76

- public Void **input()**

- class **Notification**

IL instructions: 56

lines of code (LOC):   60

lines of comment: 0

Percentage Comment: 0%

Cyclomatic Complexity (CC):   4

IL Cyclomatic Complexity (ILCC):   7

Overloads: 2

Parameters: 4

Variables: 7

Method Level: 2

Methods called: 9

Methods calling me: 2

Method Rank: 0.87

- public Void **show()**

- class **Notification**   # Overloads: 2

IL instructions: 120   # Parameters: 2

lines of code (LOC):   56   # Variables: 8

lines of comment: 0   Method Level: 1

Percentage Comment: 0%   # Methods called: 2

Cyclomatic Complexity (CC):   4   # Methods calling me: 2

IL Cyclomatic Complexity (ILCC):   6   Method Rank: 0.53