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Project: A6/EasyPaint

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Group Number:

***Everything in italic or is highlighted should be changed as appropriate by you and should not be italic when submitted****.*

*EasyPaint Change Request*

1. **Requirement and concepts*:***

*Icons of Instruments*

*Toolbox of Instruments*

*Canvas*

1. **Concept Location:**

**Table *EasyPaint*. Dependency Search: *Canvas***

|  |  |  |  |
| --- | --- | --- | --- |
| **Class/file name** | **Tool used** | **Mark** | **Comments** |
| additionalTools.h | ClassView  Find in Files | Propagating | Using class view to find decencies and then find in files to find declaration I found that, resizeCanvas is declared here but not implemted. |
| imageArea.h | ClassView  Find in Files | Propagating | resizeCanvas is declared here but not implemted. |
| additionalTools.cpp | ClassView  Find in Files | Located | resizeCanvas is implemented and used. |
| imageArea.cpp | ClassView  Find in Files | Located | resizeCanvas is implemented and used. |



**Table *EasyPaint* Grep Search**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Concept** | **Query** | **#Results** | **Target class/file** | **Tool used** | **Comments** |
| *Icons of Instruments* | *Query 1.1: icon* | 6 matching files:  toolbar.h  imagearea.cpp  mainwindow.cpp  shortcutedit.cpp  Redundant file: resources.qrc | qWidget.h: setWindowIcon(const QIcon & icon)  qaction.h: setIcon(const QIcon & icon) | Find in Files  Go to Declaration | The files used here are QT files and defined the tools used to make the GUI. |
| *Icons of Instruments* | *Query: 1.2: brush* | 5 matching files:  additionaltools.cpp  ellipseinstruments.cpp  imageare.cpp  rectangleinstruments.cpp  selectioninstruments.cpp | imagearea.cpp | Find in Files  Go to Declaration | Using brush, I found methods used to format and create the brush and create icons for the tools. |
| Toolbox of instruments | *Query 2.1: toolbox* | 0 matching files |  | Find in Files | Using toolbox was too specific and yielded no results. |
| Toolbox of instruments | Query 2.2: toolbar | 8 matching files: imagearea.h  mainwindow.h  palettebar.h  toolbar.h  mainwindow.cpp  palettebar.cpp  toolbar.cpp | toolbar.h  toolbar.cpp | Find in Files | Switching toolbox for toolbar brought up results for the toolbar and where it was declared and implemented. |