[Code Review Developer Guide | eng-practices](https://google.github.io/eng-practices/review/)

**Functionality: Test Cases**

0-10

| Test Case #1 | Clone and Build |  |  |
| --- | --- | --- | --- |
| Description | Build the project. Clone the github repository to a local folder. Open the project in NetBeans. Clean and Build. |  |  |
| Expected output | BUILD SUCCESSFUL |  |  |
| Actual output | BUILD SUCCESSFUL |  |  |
| Pass | **Yes**/NO | Y |  |

| Test Case #2 | Read |  |  |
| --- | --- | --- | --- |
| Description | Load the data from obres.json and show them in the UI.  The JList is a JList<Obra> |  |  |
| Expected output | The data of every obra is shown in a line of the JList. |  |  |
| Actual output | The data of every obra is shown in a line of the JList. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #3 | Insert with image. |  |  |
| --- | --- | --- | --- |
| Description | Insert a new record into the obres.json using the UI. Show the Insert Obra dialog. Introduce the required data. Insert the data in the internal memory structure. Include an image for the user profile loaded from your local drive. Save the data to the obras.json. |  |  |
| Expected output | A new record is added to the obras.json. The new image file is created in the AppData\Local\OpusList\images folder. |  |  |
| Actual output | A new record is added to the obras.json. The new image file is created in the AppData\Local\OpusList\images folder. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #4 | Insert without image. |  |  |
| --- | --- | --- | --- |
| Description | Insert a new record into the obres.json using the UI. Show the Insert Obra dialog. Introduce the required data. Insert the data in the internal memory structure. DO NOT Include an image for the user profile loaded from your local drive: Use the default image. Save the data to the obras.json. |  |  |
| Expected output | A new record is added to the obras.json. The new image file is created in the AppData\Local\OpusList\images folder. |  |  |
| Actual output | Program throws exception because image is null. |  |  |
| Pass | Yes/NO |  | N |

| Test Case #5 | Launch Update dialog with double click. |  |  |
| --- | --- | --- | --- |
| Description | In the main view, double click an item. |  |  |
| Expected output | The Update dialog will show with the data of the corresponding obra. It will permit to edit everything but the registre. |  |  |
| Actual output | The Update dialog will show with the data of the corresponding obra. It will permit to edit everything but the registre. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #6 | Launch Update dialog from menu and search an item. |  |  |
| --- | --- | --- | --- |
| Description | Launch Update dialog. Insert a valid registre number in the search TextField. |  |  |
| Expected output | The Update dialog will show with the data of the corresponding obra. It will permit to edit everything but the registre. |  |  |
| Actual output | The Update dialog will show with the data of the corresponding obra. It will permit to edit everything but the registre. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #7 | Launch Update dialog from menu and search an item. |  |  |
| --- | --- | --- | --- |
| Description | Launch Update dialog. Insert an invalid or non-existing registre number in the search TextField. |  |  |
| Expected output | An info message appears. |  |  |
| Actual output | An info message appears. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #8 | Test Update. |  |  |
| --- | --- | --- | --- |
| Description | From the Update dialog with valid data, modify any info. Click Update. Click Save. |  |  |
| Expected output | The corresponding entry in the json file has been modified with the new data. If the image has been modified the corresponding image file must have been overwritten or deleted. |  |  |
| Actual output | The corresponding entry in the json file has been modified with the new data. If the image has been modified the corresponding image file must have been overwritten or deleted. |  |  |
| Pass | Yes/NO |  | N |

| Test Case #9 | Test Delete. |  |  |
| --- | --- | --- | --- |
| Description | Open the delete dialog. Select an Obra from the ComboBox. |  |  |
| Expected output | A ComboBox<Obra> shows all the obras. |  |  |
| Actual output | A ComboBox<Obra> shows all the obras. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #10 | Test Delete button. |  |  |
| --- | --- | --- | --- |
| Description | With a selected Obra, press Delete. Press Save. |  |  |
| Expected output | When delete is pressed the Delete dialog closes and returns to the main view. The JList in the main view updates and the deleted obra is not shown. The Obra is not present in the obras.json. If the obra has an associated profile image, the .jpg file is deleted. |  |  |
| Actual output | When delete is pressed the Delete dialog closes and returns to the main view. The JList in the main view updates and the deleted obra is not shown. The Obra is not present in the obras.json. If the obra has an associated profile image, the .jpg file is deleted. |  |  |
| Pass | Yes/NO | Y |  |

| Test Case #11 | Insert or Update with any format image |  |  |
| --- | --- | --- | --- |
| Description | Insert or Update with any format of image from your local pc. |  |  |
| Expected output | Image Inserted or Updated and json modified with it correspondent data. Image is shown in the main JLabel |  |  |
| Actual output | Image not Inserted or Updated and json modified with it correspondent data.Image not showing in the main JLabel |  |  |
| Pass | Yes/NO |  | N |

| Test Case #12 | Read and show the Image |  |  |
| --- | --- | --- | --- |
| Description | Load the data from obres.json and show them in the UI with an Image in a JLabel.  The JList is a JList<Obra> |  |  |
| Expected output | The data of every obra is shown in a line of the JList and the Image is shown in the JLabel |  |  |
| Actual output | The data of every obra is shown in a line of the JList and the Image is shown in the JLabel |  |  |
| Pass | Yes/NO | Y |  |

**Naming**

The developer chooses clear names for variables, classes, methods, etc.

Naming conventions of visual components.

0-10 -> 8

**Don’t Repeat Yourself (DRY)**

Búsqueda de patrones de código repetido que se puedan simplificar en un método.

0-10 -> 8