**activity\_image\_helper.xml**

Text

Description automatically generated

**Figure 9: android declaration of activity\_image\_helper.xml**

* The used android version and encoding have been represented.
* Along with this, the link for the application and tools are also pasted.
* The dimensions are also represented
* With the tool description as the ".MainActivity”.

Text

Description automatically generated

**Figure 9: code representation of image view of activity\_image\_helper.xml**

* This defines the user id for the image view.
* The dimensions of the layout. The layout width is declared the match\_parent along with the height.
* The constraint is declared as the bottom to top as the id/text view, again the end to end and top to the top is declared as the parent.
* thesrcCompat is declared as the sample/avatar.

Text

Description automatically generated

**Figure 10: code representation of text view of activity\_image\_helper.xml**

* The declaration is similar to the other text view which consists of dimensions.
* Here the minheight is declared additionally. android:layout\_height="wrap\_content"Here height of Layout wrap according to content
* The text broadcasted as “choose a photo using the button”. This determines the sense of dragging the picture from the gallery.
* The specification for the text appearance is been declared.
* Again the constraint are been declared as the bottom to top with some distinct style.
* And the constraint for the end to end and start to start remains the same as the parent.

Text

Description automatically generated

**Figure 11: code representation of activity\_image\_helper.xml**

* The constraintlayout.widget determines the android id which is been used along with the layout dimensions.
* Here the background color has been proposed as purple.
* Again the constraints are kept as parents.

Text

Description automatically generated

**Figure 12: code representation for the button of activity\_image\_helper.xml**

* The associated id is buttonPickPhoto
* The dimensions that are declared are width and height as “wrap\_content”.
* The declared marginStart as “140dp” it will Add extra space on the left side of the view.
* The onclick is declared as the “onPickImage”.
* The text determines the “pick photo”.
* The constraint is declared as bottom to bottom, start to start, and top to top as a parent.
* The constraint vertical bias is declared as “0.0” For Vertical Bias , the float value decides , what percentage the widget needs to be from the top