

Summer 2023: Web Application Project

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**Thumbnail Images** for 247Music web application.

The assignment specification document refers to displaying thumbnail images for both Artists and Albums where appropriate. The Data Dictionary indicates that there is a **thumbnail** field in both the **album** and **artist** table. The data stored in these two fields are the **filenames** for the thumbnails that are to be displayed. The actual thumbnail files have been created and are stored centrally on the TWA server in the following folders:

/twa/thumbs/albums/

/twa/thumbs/artists/

Each of the thumbnail images were produced to be 106 pixels wide and 106 pixels high.

There is no need for you to store these images in your TWA site – in fact, you should not. Your php script should use the filename obtained from the **thumbnail** field (of the relevant table) to *concatenate* with the relevant path above to be able to display the image.

**For example**, to display the thumbnail image for the artist **Cold Chisel** the image tag would take the following form:

```
<img src='/twa/thumbs/artists/ColdChisel.jpg' width="106" height="106" alt='Cold Chisel thumbnail'>
```

Notes about the above image tag:

- the text in **blue** represents the value obtained from the **thumbnail** field in the **artist** table.
- since we should ensure that the html generated by our scripts conform to the rules of HTML5 we must also provide an appropriate alternate text attribute for each image displayed. Hence, the text in **dark red** represents the value obtained from the **artist\_name** field in the **artist** table.
- You may change how large/small the image displays in the page by modifying the width and height attribute, but remember they are only meant to be thumbnails.