**DAT 310 exam report 2021**

**Application**

* A website for a band/artist
* It displays news, tour dates, music/lyrics, and a merchstore
* An admin can log in and post new news, tour dates, lyrics and new merch to the store
* Users can sign in to buy merch
* Users can select amount, size and remove items from cart and submit at the end

**Databases**

All sections in the menu should have a database

News

|  |  |  |
| --- | --- | --- |
| Date | Head | Post |
| 12.2.2021 | New release | “We’re finally done with our rec…” |

Should only display the 5 last entry’s using LIMIT 5 ; (<https://www.sqlitetutorial.net/sqlite-limit/>), set date with CURRENT\_TIMESTAMP

Store

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sid | Collection | Quantity | Price | Category | Name | Img |
| 1 | True/False | 150 | 10 $ | Media | LP-Part 1 | Cover-p-one.jpg |

Mid PRIMARY KEY

If quantity = 0 and collection = True display “Sold Out” stamp. If q = 0 and col False don’t display product. If q >= 1 and col = False Display Limited Edition Stamp.

Music – album list

|  |  |  |
| --- | --- | --- |
| Aid | Title | Cover |
| 3 | Part 3: Apoteose | Apoteose.jpg |

PRIMARY KEY Aid

Music – song list

|  |  |  |  |
| --- | --- | --- | --- |
| Aid | Lid | Title | lyrics |
| 3 | 1 | Apoteose | “midt I ein åker..” |

PRIMARY KEY Sid, FOREIGN KEY Aid

Users

|  |  |  |  |
| --- | --- | --- | --- |
| Uid | Username | Mail | Pass\_hash |
| 1 | Johndoe | [jd@mail.com](mailto:jd@mail.com) | ############### |

Uid PRIMARY KEY



