UN-NORMALIZED ALBUMS TABLE

Album ID Number (PK) <- this is the primary key

Album Title

Album Release Date

Album Length

Albums Sold in US

Album Primary Artist

Label Name

Label Address

Label Phone No.

Label Website

Genre 1

Genre 2

Chart Name 1

Chart Debut Position 1

Chart Peak Position 1

Chart Name 2

Chart Debut Position 2

Chart Peak Position 2

Chart Name 3

Chart Debut Position 3

Chart Peak Position 3

Track Title 1

Track Length 1

Track Title 2

Track Length 2

Track Title 3

Track Length 3

FK: Foreign Key

1NF

Track ID (CPK) ALBUMS (Table #1) Track Title Album ID Number (PK) Track Length Album Title Album Release Date CHART (Table #3) Album Length Album ID Number (CPK) Albums Sold in US Chart ID (CPK) **Album Primary Artist Chart Name** Label Name **Chart Debut Position** Label Address **Chart Peak Position** Label Phone No. Label Website **GENRE (Table #4)** Album ID Number (CPK) PK: Primary Key Genre ID (CPK) CPK: Composite Primary Key

TRACK (Table #2)

Genre

Album ID Number (CPK)

<u>2NF</u>

^^^ This table is not 2NF business, since it does not have multiple PK fields

Genre ID (CPK)

\	ALBUMS-TRACKS-JOIN (Table #2) Album ID Number (CPK) Track ID (CPK)		TRACKS (Table #5) Track ID (PK) Track Title Track Length
	ALBUMS-CHARTS-JOIN (Table #3) Album ID Number (CPK) Chart ID (CPK)	•	CHARTS (Table #6) Chart ID (PK) Chart Name Chart Debut Position Chart Peak Position
_	ALBUMS-GENRES-JOIN (Table #4) Album ID Number (CPK)		GENRES (Table #7)

Genre ID (PK)

Genre

<u>3NF</u>

	ALBUMS (Table #1)	
	Album ID Number (PK)	LABELS (Table #8)
	Label ID (FK)	 Label ID (PK)
	Album Title	Label Name
	Album Release Date	Label Address
	Album Length	Label Phone No.
	Albums Sold in US	Label Website
	Album Primary Artist	
	ALBUMS-TRACKS-JOIN (Table #2)	TRACKS (Table #5)
	Album ID Number (CPK)	Track ID (PK)
	Track ID (CPK)	Track Title
	Hack ID (CFR)	Track Length
		CHARTS (Table #6)
\		CHARTS (Table #6)
	ALBUMS-CHARTS-JOIN (Table #3)	Chart ID (PK)
*	Album ID Number (CPK)	Chart Name
	Chart ID (CPK)	Chart Debut Position
\		Chart Peak Position
	ALBUMS-GENRES-JOIN (Table #4)	GENRES (Table #7)
<u> </u>	Album ID Number (CPK)	Genre ID (PK)
	Genre ID (CPK)	Genre