		[COMP 353/453] Final Requirements		
		Henry Fellerhoff, Brian Nguyen, Sophie Von Hatten		
Tech. Req. #	**Fulfilled?**	**File**	**Line #(s)**	**Description**
1	Yes	N/A	N/A	N/A
2	Yes	N/A	N/A	N/A
3	Yes	DDL_BeforeMods.sql	All	Initial creation of DB structure
4	Yes	DDL_AfterMods.sql	All	Modifications to DB structure and inital population of DB tables
5	Yes	flaskDemo/routes.py	44, 112,144, 220, 288	Insertions into all DB tables using SQLAlchemy upon Tweet analysis and song/playlist generation
6	Yes	flaskDemo/routes.py	76-95, 252-271	Upon user input of pre-existing Tweet URL, metadata columns in Tweet and Tweeter tables will be updated with updated values from APIs, existing playlist will generate new songs and replace pre-existing songs
7	Yes	flaskDemo/routes.py	119-123, 126-130, 295-299, 302-306	Deletion of pre-existing songs from the currently-generating playlist and other playlists including them
8	Yes	flaskDemo/forms.py	10	Population of dropdown box using a select all query
9	Yes	flaskDemo/routes.py	26, 30, 104, 115, 127, 136, 171, 202, 206, 280, 291, 296, 298, 303, 305, 312	Filters the tweets by tweet_id, the playlists by playlist_id
10	Yes	flaskDemo/routes.py	171	SELECT query on Playlist_Includes_Song table using COUNT aggregate function
11	Yes	flaskDemo/routes.py	136, 312	SELECT query on Songs table using WHERE and LIMIT clauses
12	Yes	flaskDemo/routes.py	174-182	5-table join
13	No	N/A	N/A	To be negotiated
14	Yes	flaskDemo/forms.py	16, 18, 28	The tweet_url StringField and the genre SelectField are both filled in by the user to submit; genre SelectField for 'Remix'
15	Yes	flaskDemo/routes.py	99, 156, 275, 332	Population of dropdown box with data from Genre table
16	Yes	flaskDemo/forms.py	20-24	Validation for checking if the text that the user inputs into the StringField is actually a Tweet link from Twitter.
17	Yes	flaskDemo/routes.py	29-95, 205-271	Insertions into DB tables are made by tables with no foreign keys first, then into those with foreign key dependencies; A dropdown box populated with data from the Genre table to limit the scope of user input; If user inputs a Tweet URL with a pre-existing data in the Tweet and Tweeter tables, metadata columns will be updated with updated values from APIs instead of throwing an error
18	Yes	N/A	N/A	Our code structure resembles Lab 4-c. We have our templates folder with all of the .html files, and our file structure for defining our routes, forms, and models in their respective files are similar to our lab examples as well.
Excellence Pt. #				
1	Yes	flaskDemo/forms.py	16	Usage of URL WTForms validator
5	Yes	flaskDemo/routes.py	174-182	5-table join
7	Yes	flaskDemo/templates/sad_playlist.html flaskDemo/templates/about.html	sad_playlist: 9-13, 41-48 about: 7-15	Usage of Twitter, Spotify, and YouTube widgets
9	Yes	flaskDemo/tweet_analysis.py flaskDemo/spotify.py	All	Usage of Twitter, Azure, and Spotify APIs