

3.5 Test Cases

Test Case Description	Expected Result	Actual Result	Pass/Fail
App ran in environment where streamlit and spotipy not installed	NameError: library 'spotipy' is not defined	NameError: library 'spotipy' is not defined	Pass
App ran in environment where streamlit and spotipy installed	Ran successfully	Ran successfully	Pass
For feature 1, csv not provided and clicked on shuffle	Error thrown: Please submit a CSV File<	Error thrown: Please submit a CSV File<	Pass
For feature 1, csv provided and clicked on shuffle once	Generated playlist and displayed link	Generated playlist and displayed link	Pass
For feature 1, csv provided and clicked on shuffle more than twice	Count incremented and displayed more relevant results	Count incremented and displayed more relevant results	Pass
For feature 2, user 1 csv provided, user 2 csv not provided and clicked on submit	Error thrown: Please submit a CSV File for user 2!	ValueError: Invalid file path or buffer object type: <class 'None-Type'>	Fail
For feature 3, file uploaded but file type is not csv	Error thrown: Please submit a CSV File!	Error thrown: Please submit a CSV File!	Pass
For feature 4, 2 user uploaded csv with correct format but 1 user did not	Error thrown: incorrect or corrupted csv!	KeyError: 'artistName'	Fail

Table 1: Test Results