Task 01

a. The way to tackle this requirement is to build a mobile application for John Doe's music streaming website. A proper framework should be chosen and should be considered John Doe's requirement properly.

App framework - Native

b. Other frameworks – Hybrid, Progressive web app.

Hybrid

Slower since each element has to download.
Might not be able to incorporate all of the built-in features a user's device offers.

Progressive web app

Always runs in the browser environment.
Needs an internet connection.
May not always integrate with device hardware.

c. The performance has to be better as it's a music streaming app. Native apps have better performance than the other apps. John Doe is willing to pay a lot of money and the he is not in a hurry.

d. Download music through the app and save in the device. Then the users can listen to them later even without connecting to the internet connection.

e. Apple Music
Deezer
Spotify
Amazon Music
YouTube Music