

DES102: IHCI | Week-4 Tutorial

Rules

- Submit a Google Docs document, NOT a PDF or a Google Slides presentation.
- Use the default fonts, line spacing, and font size unless specifically required in the assignment.
- After submission, the Google Docs document will automatically get locked, so you won't be able to make any changes.
- The institute's plagiarism policy applies.
- Your submission will not be considered for grading and feedback if you do not follow these guidelines.

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Activity

We all like to listen to music, don't we? We use apps/sites like Spotify, Apple Music, Gaana, Saavan, and many more to listen to our favorite music. These applications make it convenient to absorb music by having many features like suggestions and mixes. In this activity, we want you to design an innovative **music streaming application** for your use. This could be in the form of a mobile application, website, smartwatch application, or some futuristic technology. Your goal is to be innovative and exploratory. We have broken this assignment down into the following steps to make it clearer:

- Think about the interactive product you are designing: What do you want it to do for you? List 3-5 potential users/stakeholders and their context.
 - Look around for similar applications and services and make a requirement list of all the interesting, useful, or insightful features as well as usability items you find relevant.
 - Make a single screen using Figma software to show your application's UI/UX design. The screen will be the home screen of the application. (You must attach an image and figma link in the Google doc you submit)
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Start your activity here!

Q1) Think about the interactive product you are designing: What do you want it to do for you? List **3-5 potential users/stakeholders** and their context.

A1)

1. **Musicians and Artists**
2. **Casual music listeners**
3. **Advertisers**
4. **Music distribution services like Distrokid**

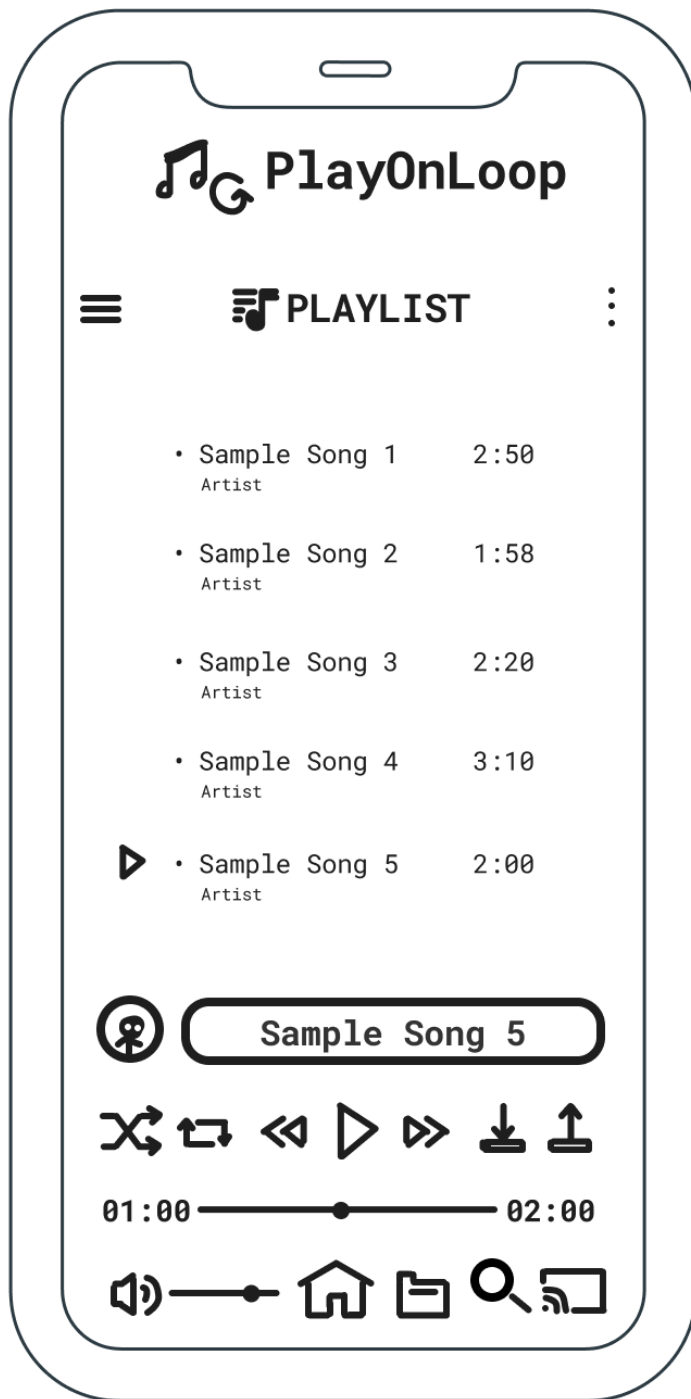
Q2) Look around for similar applications and services and make a **requirement list** of all the interesting, useful, or insightful features as well as usability items you find relevant.

A2)

1. **Audio Equalizer**
2. **Custom sorting for songs**
3. **Live lyrics**
4. **Option to switch between audio outputs**
5. **Audio Visualizer**
6. **Audio Panning**
7. **Option to queue multiple songs**
8. **Chromecast**
9. **Personalized Song Suggestions e.g., "mix" playlists created by YouTube and Spotify**
10. **Songs available in a wide variety of audio qualities suiting the network connection**
11. **Fade-in and Fade-out features prevent sudden impact of sound on users' ears.**

Q3) Make a single screen using **Figma software to show your application's UI/UX design**.

The screen will be the home screen of the application. (You must attach an image and figma link in the Google doc you submit)



A3)

https://www.figma.com/file/F7CdFbsRRQbv6DNEqnvoeJ/ihci_project_music_player?type=whiteboard&node-id=0%3A1&t=Ae6Tz3JsQclxFSiQ-1