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The objective of our project is to create a web application that users can upload audio files that would appear on their main page and stored on their profile. Other users can then use the audio uploaded by the other user (if public) and sample/mix it. The audios would be stored in the backend as well as user settings.

The user will have the option to either upload their own audio, or choose to record within the app. A user also has the choice of either recording their own audio from scratch, or the choice of selecting another user's audio clip, and recording over that selected clip.

To reach this goal, our group would implement the backend of the project first. We need to first create our relational database to store the user information/content that will then be easier to identify use cases. Additionally, we will implement the backend functionality of the application (uploading, recording, profile editing, user authentication, etc.). The next step is to design a user interface that allows users to easily record and upload audio files. The UI should be intuitive and easy to navigate, with clear instructions for users.