# Proposal for Interdisciplinary Team Project

**BSHC(E)2, BSHBIS(E)2, HCC(E)2, BSHTM2, HCBC2**

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| **Project title:** | AAA (Audio Acoustic Assistant) |
| **Group:** | Group 14 |
| **Project manager:** |  |
| **Team members:** |  |

## Overview

**What is this project about?**

The Project involves creating a mobile app (preferably an Android app), involving audio acoustics and to measure the reverb of a room.

## Target group

**Who will use this software? Are any skills or prior-knowledge required to use this software? Why would users want to use this software? Are there different roles involved (e.g., admin vs. user)?**

The app will be used by people involved in sound. The target group would be the likes of sound engineers, YouTube personalities (voice-over videos, covers of songs, etc.)

## Market Analysis

**Are there similar applications? How is your proposed idea and application different?**

There are other apps available. There are apps for the likes for tuning guitars or audio equipment, but none for measuring the reverb of a room. The proposed idea is very different from the other apps out there. The application, in time, could do the likes of tuning audio equipment, but would be released after the initial release.

## Functionality

**What can this software do? What it cannot do?**

## Mock-up

How will this software look like? Create a mock-up that illustrates the functionality and insert it here. You may use wireframe software (e.g., Balsamiq, FluidUI, etc.), graphics software or presentation software to create an impression of the user interface.

The languages used in the project will be Java, MySql, HTML5, CSS, jQuery, JavaScript, Ajax and PHP.

## Project Plan

How will you ensure that you meet the project milestones and successfully complete the project within the allocated timeframe? Add your own deadlines to the milestones provided. Create a Gantt chart illustrating the project deadlines and time line using Microsoft Project or a similar software.

## Summary

Overall, what is the benefit of this software? Are there any risks involved?