

Submission Date	2019-09-17
Project Name	SmartDen
Student Name	Boswell Orendain
Project repository	https://github.com/boskyle/SmartDen
My project will	This project aims to be in a 8x8x8 space.
The database will store	temperature logs,count when someone enters a room,information on who enters a room (date + time)
The mobile device functionality will include	change color of a light bulb,receives notification when someone enters a room,change the temperate of a room.
I will be collaborating with the following company/department	MakerKids
My group in the winter semester will include	Sam Fatuga,Hoang Phuc(Bobby)
50 word problem statement	The project has to be interactive to kids to inspire them in technology.
100 words of background	We are a team of dedicated computer engineers who aim to build a room model with 'smart' functionalities.
Current product APA citation	
Existing research IEEE paper APA citation	
Brief description of planned purchases	Arduino,Motion sensor,Sound detection sensor,Ultrasonic ranging sensor,RGB Led
Solution description	I will be working on the UI and Design of the mobile application, Sam will handle the back-end communication between the mobile application and the server where we store our database, and Bobby will handle the Arduino connections and coding.