I. Introduction and Background
   a. This Y100 design challenge takes place in the situation which next year the School of Informatics, Computing, and Engineering (SICE) at Indiana University Bloomington will ask student-led companies to propose technology solutions to improve student’s life and academic.
   b. The purpose of this design challenge is to find out what student wants to do with this opportunity offered by the school of in School of Informatics, Computing, and Engineering (SICE).
   c. The stakeholder I interviewed for this design challenge was a freshman who major Marketing in Kelly School of Business, living in Teter Student Resident who relatively stratified with her current living condition.

II. Key Findings
   a. When I introduce this opportunity to her at the beginning of this interviewing, she immediately associated the idea of using it to improve different aspects in Teter Resident Hall from the environment to student’s choices of living in single or double rooms.
   b. In term of living space, she is sharing a room with another girl. She is kind of being bothered by the fact she is living in a double room and hope Teter Resident could give students more choice by offering more single rooms. More specifically, she mentioned times when her roommate brings guests without telling her as well as sometimes come back in dorm very late that results in interrupting her sleep.
   c. When I asked Esther specifically how she would like to use this technology opportunity to better fit student’s choice with the rooms IU has. She said although students can submit housing references on the official website at the beginning of the semester, but she thought the system is not sufficient enough. In her perspective, she believed the school should create an APP where a student can directly see pictures, information about different housing residents and make their choices directly on the APP. This way she believed herself and more students would be more stratified with their choices.
   d. Teter is a big dormitory with several dorms and studying spaces. However, the ventilation in Teter in her opinion is very bad. Sometimes she felt a headache when studying in those studying spaces because bad ventilation and there is not enough oxygen.

III. Recommendations
   a. Base on my consultation, I would recommend we do a survey to at least 5000 IU student and ask them if they think the current policy school has now for providing housing to students. If there is indeed a lot of complains, then we should analysis those complaints and design an APP or a more sufficient system that better fits student’s need.
   b. About the problem of ventilation, I think we should research technologies that increase the ventilation condition in closed space because there is nothing more important than student’s health. And air condition has no less significance to people’s health than food and sleep.

IV. Summary
   a. From this interview experience, I found that students’ concerns are more towards housing condition since it is such a huge part in their lives. I personally live in a
single room in Ashton and I was surprised how she was negatively affected by sharing space with another individual. We should use this opportunity to better fit student’s choice with their dorms.

b. I renounced with her about the point of ventilation. Because Ashton also has bad ventilation and it does not feel as comfortable as studying in Ashton compared to other places like Wells Library in school. This is also a good choice to use the technology opportunity.