**Team Name:** Team 4

**Team Members and email addresses:**

* Brock Sauvage: b080s094@ku.edu
* Denae Douglas: d102d638@ku.edu
* Keshawn Triplett: k908t147@ku.edu
* Luciano Fasani Ortiz: l186f489@ku.edu

**Contact:** Brock Sauvage

**Project Sponsor (if any):** None

**Project Description (150-250 words)**

This project is going to be an “escape room” game experience where you solve puzzles and mind games in virtual reality, and is being undertaken in order to address emerging opportunities for virtual reality experiences in the gaming and technology consumer markets. As virtual reality becomes more commonplace in the homes of consumers, the demand for unique and effective virtual reality experiences increases. We believe that this project would fulfill this demand. This project will feature graphics, music, mechanics, and a story that is developed originally by the team, and will utilize the features of the Vive virtual reality system in order to allow users to investigate and interact with the virtual space by moving around in a physical space. The end result of this project will be a cohesive experience in which users will experience a story that has been enhanced by effective usage of virtual reality mechanics, music, and graphics.

**Project Milestones**

 **First Semester:**

1. Acquire all necessary hardware and software materials - 10/31/17
2. Set up development environment and demonstrate functional demo - 11/15/17
3. Project Proposal Report (including UML, Gantt charts, etc.) - 10/23/17
4. Workable project prototype to demonstrate concept - 12/15/17

 **Second Semester:**

1. Story, graphical/modeling materials, music finished - 1/31/18
2. Project mostly finished and ready for testing: testing commences. - 3/31/18
3. User testing and validation - Done throughout development, done 4/15/18
4. Project ready to launch - 5/1/18

**Project Budget**

* Vive: $600 <https://www.vive.com/us/>
* Vive Audio Strap: $100
* Stands: $35.99 [https://www.amazon.com/Neewer%C2%AE-Studio-Portrait-Product-Photography/dp/B00L4YR0BS/ref=pd\_bxgy\_421\_img\_2?ie=UTF8&refRID=08WDQ8G6BKT9YFY19H1E](https://www.amazon.com/Neewer%C2%AE-Studio-Portrait-Product-Photography/dp/B00L4YR0BS/ref%3Dpd_bxgy_421_img_2?ie=UTF8&refRID=08WDQ8G6BKT9YFY19H1E)
* Ball Head Mount x2: $6.99 each

<https://www.amazon.com/gp/product/B012FTXOW4>

**Work Plan**

Each member of the team will be responsible for creating a section of the escape space. Each team member will function as a “full stack” developer of sorts.

**Github link**

<https://github.com/lucianofasani/KuCapstoneTeam4>