| | **Jing- Engineering Project File Share** |
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| Objective | Students will demonstrate their engineering proposal to their professors and TAs using Jing's onscreen video chat. |
| Learning Environment | Group of students work together on a design. Students will work on a computer with internet access and either CADD or Inventor. Students will be open-minded to ideas, focused on a plan of action, and will draw up the 3D design of something. |
| Types of Students | The students will be in post secondary school or college. |
| Materials | CADD/Inventor file of drawings or a design, computer with internet |
| Procedures | 1) Students will send a copy of the design through Jing to the professor.<br>2) Students will demonstrate their design by video-screen sharing on Jing.<br>3) Students will explain their plan of action and record this to play as the video-screen share plays.<br>4) Students will have a stationary 3D view of the design, noting specific parts and their functions.<br>5) Students will email to professor to be graded. |
| Application | Using Jing, students will be able to have their designs looked at by professionals that will understand the designs because they will have a copy of it in front of them, as well as a guided "tour" of the design, and an explanation of the parts. Getting both the professor and the student on the same page helps the improvement stage easier and this will allow the student to learn how to present as well as explain their designs, and possibly catch mistakes more easily. |
| Evaluation | Students will be graded on their ability to design their project, as well as how well they convey their idea. Students will also be graded on their ability to fully show all aspects of their drawings by using Jing and correctly using each Jing function to demonstrate their project.<br>- Original design (25 points)<br>- Ability to convey the idea (15 points)<br>- Demonstration of the idea (15 points)<br>- Use of Jing functions to help promote their idea (15 points)<br>TOTAL POINTS: 70 points |