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| Week | Mechanics | Laser | Software | Camera |
| 3 | CAD Design  a.Design of the Core X-Y coordinated system | Research on Laser Controlled Circuit  a.Determine the type of control circuit to use  b.Understand the necessary Power Supply  c.Budget necessary components for the Laser itself | Research on different types of microcontroller  a.Determine the type of microcontroller compatible with the CNC Laser  b.Weigh the Pros and Cons  c.Budget Cost | Research on different detection systems  a.Investigate on C.V. option compatibility  b.Investigate Hardware and Software necessity compatible for the camera |
| 4 | Construct Design in CAD through Waterjet. | Purchase Necessary Laser Components | Purchase Necessary Microcontroller | Determine comfortability with the software  a.Test/Program |
| 5 | Assemble the X-Y Core | Assemble the Laser Components.  a.Construct the Controlled Circuit  b.Connect the power supply | Research O.S. options | Continue Testing  a.Expand horizon of the detection system possibilities  b.Define the possibilities of the Camera System |
| 6 | Test X-Y Core Platform  and make adjustment | Test CNC Laser  a.Test the intensity/control for cutting and engraving  b.Modify the program to correct the setting determined by the user | Simulation and Adjustment | Test the dimensions detection of camera system (calibration of the camera system) |
| 7 | Design of mounting bracket for laser | Design of Laser housing | Generate the dimensions of the object | |
| 8 | Construction of mounting bracket for Laser | Construction of Laser housing | Determine Factors that can improve dimensions Detection | |
| 9 | Integration of both Laser and Mechanical. | | Software Camera System Done | |
| 10 | Design of mounting Camera System | | Integration of the Software and Camera System | |
| 11 | Construction of Camera system | | Testing the functionality of both system to interact with each other | |
| 12 | Integration of the 4 system/interaction within each other | | | |
| 13 | Testing of the whole system component/Adjustment | | | |
| 14 | All system should be running/Project should be done | | | |