

## 12 Conclusion

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After conducting the merit analysis, the Jetson TX1 and ZED Stereo Camera combined system is confirmed to be the preferred system alternative, based on the established design criteria. The merit analysis conducted for the mount alternatives confirmed mount Design 2 as the preferred alternative. The detailed engineering analyses shows that the preferred alternatives are feasible solutions and that by completion of the project will be able to pass the performance requirements set by the client, Dr. Choi. The team recommends using the chosen alternative for implementation of the project in the coming semester.