7MR10070: Software and Robotic Integration

Semester 2

Assignment 3

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# ROS slicer integration and robotic control

# Introduction

### Introduction (1-2 pages, 16.6% of grade). Describe why integration between imaging

processing and robotic simulation is useful in the context of medical applications. Why is using: (a) image processing, (b) robot simulation useful for medical applications. Finally describe the advantages to developing an end-to-end pipeline for a clinical setting. Consider both advantages in implementation (designing the system) and validation (assessing accuracy and robustness).

# Methods

# Validation

# Code / Git Repository

https://github.com/Meldanen/kcl/tree/master/robotics/final

# References

# Appendix