## Abstract (200 – 300 words)

## Acknowledgements

## Introduction

## Overall System Development

### Overview – including display method

### Software Layer

Overview

Module

State

Priority Queue – including heuristics

Search Algorithm

### Hardware Layer

Overview

Inverse Kinematics

Arm Location Planning

Motion Planning

### Feedback Strategies

Failure Memory (Out-of-scope but considered)

Disallowing moves

## Planning and Time Management

### Project Management Procedures

### Project Management Reflection

### Risk Assessment

### Evolution of Project Plan

## Conclusion

## Further Work

## References

## Appendix A - Initial Report

## Appendix B - Code