



UNIVERSITY OF
LIVERPOOL

COMP390
2023/24

Computer Vision and AR for Endovascular Intervention

Student Name: [Yulin Huang]

Student ID: [201676465]

Supervisor Name: [Anh Nguyen]

DEPARTMENT OF
COMPUTER SCIENCE

University of Liverpool
Liverpool L69 3BX

Acknowledgements



COMP390
2023/24

Computer Vision and AR for Endovascular Intervention

**DEPARTMENT OF
COMPUTER SCIENCE**

University of Liverpool
Liverpool L69 3BX

Contents

1	Introduction & Background	3
2	Design & Implementation	3
2.1	Design	3
2.2	Implementation	3
3	Testing & Evaluation	3
4	Project Ethics	3
5	Conclusion & Future Work	3
6	BCS Criteria & Self-Reflection	3
6.1	An Ability to Apply Practical and Analytical Skills	3
6.2	Innovation and/or Creativity	3
6.3	Synthesis of Information, Ideas, and Practices	3
6.4	Meeting a Real Need in a Wider Context	3
6.5	An Ability to Self-Manage a Significant Piece of Work	3
6.6	Critical Self-Evaluation of the Process	3

Abstract

This section should contain a concise summary of the document content.

Statement of Ethical Compliance

Data Category: A

Participant Category: 0

I confirm that I have read the ethical guidelines and will follow them during this project. Further details can be found in the relevant sections of this proposal.

- 1 Introduction & Background
- 2 Design & Implementation
 - 2.1 Design
 - 2.2 Implementation
- 3 Testing & Evaluation
- 4 Project Ethics
- 5 Conclusion & Future Work
- 6 BCS Criteria & Self-Reflection
 - 6.1 An Ability to Apply Practical and Analytical Skills
 - 6.2 Innovation and/or Creativity
 - 6.3 Synthesis of Information, Ideas, and Practices
 - 6.4 Meeting a Real Need in a Wider Context
 - 6.5 An Ability to Self-Manage a Significant Piece of Work
 - 6.6 Critical Self-Evaluation of the Process