Student’s Responsibility

It is the student’s responsibility to take notes of the meeting and forward them to the supervisor in a timely manner.

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| **Student:** | Ultan Kearns | **Supervisor:** | Dr. Paul Greaney |

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| **Programme:** | Computing in Big Data Analytics and Artificial Intelligence |
| **Date:** | 2023-02-14 |

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| **Key Points Discussed (must include timetable for research and training record):** |
| Progress on GANs  Standard practices when training GANs on medical images  Mode Collapse  Image preprocessing and standardization  Shortage of data in some datasets  Transfer Learning  CNN architectures - RCNN, Mobilenet etc. |
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| **Action items for Student:** |
| Research practices when training GANs for producing medical images  Review practices of pre-processing medical images  Look into other datasets which may be used to combine into a new dataset to train GANs |

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| **Action items for Supervisor:** |
| Review new sections in thesis once student reviews |

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| **Date of next meeting:** | 2023-02-28 |

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| **Issues requiring immediate attention:** |
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