**Details**

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| --- | --- |
| Date/Time | 7/9/22, 2:30-3:00 pm |
| Location | Zoom |
| Project Name | Atrial Fibrillation Detection Using Deep Learning |
| Subject | MAST90107 |
| Attendees | Janya Kavit Pandya, Soham Dighe, Leong Ryan Chow, Wesley Zhang, Minh Hieu Nguyen, Christopher Pendlebury, Yuhong Qin |
| Facilitator | Richard Rendell (Client) |

**Minutes**

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| --- | --- |
| Agenda topic | Main Points, Conclusions, Discussions, Decisions, Next Steps |
| Progress update on models | Meet with mentor to talk about the LSTM model detail. Current LSTM model is acceptable. Used weighted average and resampling to tackle class imbalance, tried transformations like log, standardisation with PCA but did not affect the data (1D CNN) |

**Action Items**

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| --- | --- | --- |
| Description | Assigned To | Due Date |
| Finalising methods to combat imbalanced data/tuning the models | Janya Kavit Pandya, Soham Dighe, Leong Ryan Chow, Wesley Zhang, Minh Hieu Nguyen | 14/9/22 |

**Next Meeting Agenda Topics**

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| --- | --- |
| Topic | Presenter |
| Progress update on models | Leong Ryan Chow |

**Next Meeting**

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| --- | --- |
| Date/Time | 14/9/22, 2:30-3:00 pm |
| Location | Zoom |
| Owner/Scheduler | Richard Rendell (Client) |