Minutes Template

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| Subject: | COMP90051 Statistical Machine Learning |
| Group name/ identifier | Group 51 |
| Meeting Location, Date & Time | 08/09/20 6:00 p.m. |
| Group members present | Jiacheng YE  Zixin Ye  Linan Jia |
| Apologies |  |

# Actions from previous meetings

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| **Task** | **Who is responsible** | **Deadline** |
| Discover the patterns from the training data | Everyone | 08/09/20 |
| Try some different sampling methods. | Everyone | 08/09/20 |
| Read some articles about feature generation. | Everyone | 08/09/20 |

# Items discussed and decisions made

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| **Item** | **Decision (if applicable)** |
| Some sampling approaches | 1. Using all nodes in the training data 2. Using some nodes (around 100000) in the training data |
| Some features generation approaches | 1. Node2Vec 2. Local similarity |
| Some models | 1. Logistics Regression 2. LightGBM 3. More models if we want to try |

# Agreed actions from this meeting

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| **Task** | **Who is responsible** | **Deadline** |
| Randomly select nodes (100000) from training data set | Jiacheng Ye  Linan Jia | 15/09/20 |
| Build graph based on all nodes and edges from training data set | Zixin Ye | 15/09/20 |
| Using Node2Vec for features generation | Jiacheng Ye | 15/09/20 |
| Using Local similarity for features generation | Zixin Ye  Linan Jia | 15/09/20 |
| Model Building | Everyone | 15/09/20 |

# Next meeting

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| Location | Zoom |
| Date & Time | 15/09/20 6:00 p.m. |
| Goals | Finalise results |