**Initial Proposal Form – 2021/22**

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| Programme of Study: | MSc in Computing and Information System |
| Student Name: | Wong Chuen Lik Daniel |
| Student Number: | 210763720 |

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| Potential Supervisor: | Prof. William Marsh |

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| Proposed Title: |
| Current renewable energy development in UK /  Can UK solely rely on renewable energy? |

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| Proposed Aim: |
| *(Provide a brief summary of what you hope to achieve by the end of this project. Your aim should clearly identify your topic of interest.)*  To review the historic trend of energy consumption and production in UK from 1998 to 2020  To evaluate if UK is achieving net-zero commission by reducing usage of fossil fuels and increasing production of renewable energy/low carbon.  To identify the current/potential obstacles of achieving net-zero goal in UK.  Estimate of when will UK meet its target as 100% of the country’s electricity come from renewable (optional) |

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| Rationale |
| *(Please provide an explanation of why you think this project needs to be*  *undertaken.)*   * Accessible open data from gov.uk * Worth to investigate whether UK is doing good on renewable energy transition toward net-zero emission goal. And if not, it’s interesting to explore the reasons behind that. |