**MSc Project Proposal Template**

**To be completed for Coursework 2 of Module IS4S706**

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| **Enrolment number** | 17076749 – Mark Baber | |
| **MSc award title** | MSc Data Science | |
| **Project title** | GIS and the COVID-19 Pandemic. | |
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| **Main aim of the project** | |  |
| To explore how GIS technology can be used for predicting the spread of COVID-19. | | |
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| **Project objectives** | |  |
| 1. To determine whether GIS technology can be useful in managing the spread of COVID-19. 2. To understand which COVID-19 factors will be important in prediction. 3. To explore which predictive algorithm best reflects the spread of COVID-19. | | |
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| **Project description** | |  |
| Insert project description here (maximum 1000 words). To include detail about research methodology selection, proposed methods of data collection (primary and secondary – fully explained) and initial literature review.  1 - We’ve mapped xyz in diseases, which can be used for covid 19 possibly  This report will look to see how the world is using GIS to help stop the spread of COVID-19 and to manage the areas of high risk with more numbers of cases. Here within the UK, and specifically Wales there were a lot of areas affected by the virus significantly, when looking at the cases, and the total per 100k of population, the Valley’s areas were getting a lot of cases. *This report will use the words covid and COVID-19 interchangeably.* | | |
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| **Ethical considerations** | |  |
| Insert ethical considerations here (maximum 200 words)  With developing such a dashboard, the use of peoples data and specifically their location data can quickly become ethical concerns, whilst | | |
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| **References** | |  |
| Insert references here (maximum of 10) | | |
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| **Project plan** | |  |
| Insert your project plan here. An approximate time plan for the various stages based on a total expected number of hours’ effort (approximately 600 hours). | | |

Make sure not to exceed word limits. One of the requirements of this work is that you are concise and selective in the material that you present.