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|  | Faculty of Computing, Engineering and Science |  |

**Assessment Cover Sheet and Feedback Form** 2020-21

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| Module Code:  IS4S706 | Module Title:  Project Management and Research Methodology | | Module Team:  Dave Kidner, Mark Ware |
| Assessment Title and Tasks:  Research Plan/Proposal/Project/Log 1 | | | Assessment No.  2 |
| Date Set:  **17-Feb-21** | | Submission Date:  **30-Apr-21** | Return Date:  **31-May-21** |

**IT IS YOUR RESPONSIBILITY TO KEEP RECORDS OF ALL WORK SUBMITTED**

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| **Marking and Assessment** |
| This assignment will be marked out of 100%  This assignment contributes to 50% of the total module marks. |
| **Learning Outcomes to be assessed** (as specified in the validated module descriptor [https://icis.southwales.ac.uk/](https://icissafe.southwales.ac.uk/studentmodules/12884/studentmodulespecifications) ):  1) To be able to plan a project that involves many interacting factors, and undertake a literature review and other development activities to improve understanding of the situation and/or produce organisational change.  2) To determine and use appropriate methods, techniques and tools for planning work, and to take responsibility for completing on time, and to the required standard, taking into account relevant risks and ethical issues. |
| *Provisional mark only: subject to change and / or confirmation by the Assessment Board* |

# **Task**

# You are required to produce a proposal for your MSc Project. The proposal must make use of the Proposal Template that has been included at the end of this document. The instructions included in this template must be followed strictly.

# You are encouraged to familiarise yourself with the requirements of the MSc Project prior to starting the proposal – these requirements are detailed in the MSc Project Handbook (this is available in the Research Methodology folder on Blackboard and also on the IY4T710 module page). The Data Science MSc Project handbook is also available on Blackboard.

# You will be expected to provide the following detail:

* Student information
* Project title
* Main aim of the project
* Project objectives
* Description of proposed project (including a literature review)
* Ethical considerations
* Project plan

In completing this task you are encouraged to make use of the techniques and tools that you will be introduced to on the module.

The intention is for students to use this proposal as the basis for their actual MSc Project (although this is not a requirement). Therefore, care should be taken to ensure your Aim and Objectives are realistic and can be completed within the time limits of the MSc Project. You also need to make sure that your proposal relates to a topic that is suitable for your particular MSc award title.

**Note – You will be required to submit a separate project proposal for the MSc Project module (module code is IY4T710), using a different template and guidelines provided by the MSc Project module leader. More information is available on the IY4T710 Blackboard page.**

# **Citations and References**

# You must carefully cite references in this work and include a complete list of all the references. Citations and references must adopt the Harvard style. See <https://studyskills.southwales.ac.uk/academic-skills/referencing/> for further details.

**Submission**

Project proposal document must be uploaded as a **PDF file** to Blackboard via the link on the Assessment page. Your enrolment number should be included in your file name, e.g. 12345678.PDF, where “12345678” is your enrolment number.

**Marking Scheme**

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| --- | --- | --- |
|  | **Marks Available** | **Marks Awarded** |
| **Title, aim and objectives** | 15 |  |
| **Description of proposed project** | 60 |  |
| **Ethical considerations** | 15 |  |
| **Project plan** | 10 |  |
| **Total** | 100 |  |

**MSc Project Proposal Template**

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

|  |  |  |
| --- | --- | --- |
| **Enrolment number** | 17076749 | |
| **MSc award title** | MSc Data Science | |
| **Project title** | The use of GIS during a global pandemic. | |
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| **Main aim of the project** | |  |
| To research at the use of GIS during a global pandemic and how it could be used for future projects. | | |
|  | | |
| **Project objectives** | |  |
| Investigate the history of GIS.  Investigate the use of GIS during a pandemic (dashboards)  Investigate the limitations of GIS. | | |
|  | | |
| **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.  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.* | | |
|  | | |
| **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 | | |
|  | | |
| **References** | |  |
| Insert references here (maximum of 10) | | |
|  | | |
| **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.