### This form will help you establish whether an application for research ethics approval is required. If you are unsure, please discuss with your research supervisor or Faculty Research Ethics Committee.

### Name: Tony Djikigoue

### Project Title: AI Pathfinding Showcase: Comparative Analysis of A\* and BFS Algorithms

**Screening**

|  |  |  |  |
| --- | --- | --- | --- |
| **PART 1: Screening Question** | **Further Guidance** | **Yes** | **No** |
| Does your research involve accessing, storing or disseminating security sensitive information such as that relating to extremism or terrorism? | For further details, see DMU’s policy on security sensitive research. |  |  |

### If’ yes’, please contact your Faculty Research Ethics Committee (see below)

### If ‘no’, move onto Part 2.

|  |  |  |  |
| --- | --- | --- | --- |
| **PART 2: Screening Question** | **Further Guidance** | **Yes** | **No** |
| Does your research involve only secondary data that are:   1. Curated for public access, or 2. Data for which consent was provided for reuse in research beyond that for which it was originally collected, and those data are anonymized? | Examples of data already in the public domain include those curated for public access and display or for re-use by researchers, material held in archives or private collections. Refer to the Research Ethics Code of Practice for further details regarding secondary data. |  |  |
| Is your project exclusively based on published literature or library/archival materials which have been specifically curated for general public access or display? | Examples include literature reviews, meta-analysis or re-use of published data. |  |  |

### If ‘yes’ to any of the questions in Part 2, an ethics application IS NOT required. See actions below:

* **Staff**: Please retain a copy of this form in your project file.
* **Post-graduate research students:** Please confirm the declaration at the end of this form. Your supervisor will then need to forward the form to the Faculty Research Ethics Committee and Doctoral College.
* **Undergraduate/Taught Postgraduate students:** Please confirm the declaration at the end of this form. Your programme team will inform you what to do next.

### If ‘no’ to both of the above questions, please proceed to Part 3 (next page).

|  |  |  |  |
| --- | --- | --- | --- |
| **PART 3: Screening Question** | **Further Guidance** | **Yes** | **No** |
| Does your research involve secondary data not covered by Part 1? | This may include identifiable data that are not in the public domain, or where consent was not provided for resuse of data beyond the purposed for which it was originally collected. |  |  |
| Will your research involve human participants? | This includes any procedures or activities (including questionnaires, surveys, interviews and focus groups) involving living participants and the use of data or tissue obtained from living individuals, whether directly or indirectly. This includes data about people obtained from databases, public websites and social media, unless held in publicly available collections or from archaeological sites and curated explicitly for the purposes of research. This may also include the use of data and tissue obtained from deceased individuals.  Tissue (or material derived from human tissue e.g. cell lines) which has been obtained from commercial sources will not normally require ethical review. Please seek advice from ethics@dmu.ac.uk. |  |  |
| Will your research involve the use of animals? | This includes any research involving live animals (e.g. intervention, manipulation of conditions or observation) and animal tissue. Tissue (or material derived from animal tissue e.g. cell lines) which has been obtained from commercial sources will not normally require ethical review. |  |  |
| Does this project involve the use of sensitive or restricted materials? | Please refer to the [Sensitive Research Policy](https://www.dmu.ac.uk/research/ethics-and-governance/sensitive-research.aspx). Research covered by this policy includes:   * Research into illegal activities, including the collection of source data, e.g. crime statistics; * Research which requires access to web sites normally prohibited on university servers; including, but not limited to; pornography, or the sites of any of the organisations proscribed by the UK Government. * Research into extremism and radicalisation. |  |  |
| Does the project have the potential to cause environmental damage or harm? | This includes the use of equipment, materials, techniques or research results that could have an impact on the environment, ecology, hydrology or on local communities during or after the research project. |  |  |
| Does your project require external ethical review? | External review will be required for research involving NHS patients, staff, data or facilities (includes contractors providing services under contract with care services or commissioners).  Further examples include:   * UK Social Care organisations or service users (includes contractors providing services under contract with care services or commissioners). * Clinical Trials of Investigational Medicinal Products, Medical Devices or Gene Therapy Medicinal Products. * The prison service, offenders or participants on probation. Any member of the research team or participants who are members of the Armed Forces or their entitled dependents. * The administration of ionising radiation. * Participants aged 16 or over who may lack capacity to give fully informed consent or who may lose capacity to give fully informed consent during the study. * Research regulated under the Animals (Scientific Procedures) Act 1986 (ASPA). * Research that may be regulated under the Human Fertility & Embryology Authority   Please seek advice from ethics@dmu.ac.uk before proceeding any further if your research involves any of the above. |  |  |

**If ‘yes’ to any of the Part 2 questions, an ethics application IS required.**

**Please submit your application using the WorkTribe ethics module.**

**Declaration** (for students use, where required by their programme)

|  |  |
| --- | --- |
| I take full responsibility for the information provided in this application, and:   1. An ethics application IS required. I confirm I will not commence research before receiving a favorable ethics opinion, OR; 2. I am satisfied that an ethics application is NOT required. I have sought the advice as necessary, and will monitor my research as it progresses and reassess the need for an ethics application periodically.   If you cannot confirm the above, please contact your Faculty Research Ethics Committee. |  |
| As the student’s supervisor, I am satisfied with the outcome of this assessment. |  |

**Faculty Research Ethics Committees:**

|  |  |
| --- | --- |
| Faculty of Business and Law (BAL) | [BALResearchEthics@dmu.ac.uk](mailto:BALResearchEthics@dmu.ac.uk) |
| Faculty of Arts, Design and Humanities (ADH) | [adhethics@dmu.ac.uk](mailto:adhethics@dmu.ac.uk) |
| Faculty of Computing, Engineering and Media (CEM) | [ethics.CEM@dmu.ac.uk](mailto:ethics.CEM@dmu.ac.uk) |
| Faculty of Health and Life Sciences (HLS) | [hlsfro@dmu.ac.uk](mailto:hlsfro@dmu.ac.uk) |