|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Analysis of system with AI component | | | | | | | | | | |
| **System name:** |  | | | | | | | | | |
| **Overall purpose(s) of the system:** |  | | | | | | | | | |
| People and procedures | | | | | | | | | | |
| **Person or organisation:** |  | | | | **Person or organisation:** |  | | | **Person or organisation:** |  |
| **Place in digital system:** |  | | | | **Place in digital system:** |  | | | **Place in digital system:** |  |
| **Procedures performed:** |  | | | | **Procedures performed:** |  | | | **Procedures performed:** |  |
| **Effect on system if procedures not done:** |  | | | | **Effect on system if procedures not done:** |  | | | **Effect on system if procedures not done:** |  |
| Hardware and software | | | | | | | | | | |
| Represent the **hardware** components of the system as a diagram. Also include the **people** identified in the previous section.  In a different colour, annotate the components to specify where **software** is located.  Connect components with arrows to indicate **dependencies** and annotate with **verbs**. | |  | | | | | | | | |
| **Where in the system is the AI component doing its work?** | | | |  | | | | | | |
| **What would happen if the AI software or its hardware was disabled?** | | | |  | | | | | | |
| Data | | | | | | | | | | |
| **Data gathered and used by the system as a whole.** | | | |  | | | | | | |
| **What data sources does the AI component need to function?** | | | |  | | | | | | |
| **What data or information does the AI component produce?** | | | |  | | | | | | |
| **Identify and draw a feedback loop between the AI component and another part of the system** | | | |  | | | | | | |
| Supra system and connected systems | | | | | | | | | | |
| **Name at least one supra system or another system connected to the application.** | | | |  | | | | | | |
| **List some other parts of the supra system.** | | | |  | | | | | | |
| **What is a likely impact of the application on the supra system or connected system?** | | | |  | | | | | | |
| **What unintended impacts might there be?** | | | |  | | | | | | |
| Viewpoints and ethical concerns | | | | | | | | | | |
| **First viewpoint on application:** | | |  | | | | **Second viewpoint on application:** |  | | |
| **Ethical concerns they might have:** | | |  | | | | **Ethical concerns they might have:** |  | | |
| **Choices or actions they might take to make the application better or worse:** | | |  | | | | **Choices or actions they might take to make the application better or worse:** |  | | |