**Dutch Police Internet Forensics: System Design Proposal**

***Introduction (<60 words)***

TBC

***Main Body (<540 words)***

**System Requirements**

*List of system requirements (based on domain & mandated requirements)*

* Domain specific requirements, e.g. resource pressure, response times and data download
* Mandated requirement: “a user will need to be able to upload, download and share data.”
* “Ensure… privacy and security regulations are met, including… GDPR”
* “Minimise the attack surface of the solution.”
* “Monolithic version of the application [due to] scalability requirements… to partner organisations on a worldwide basis.”
* Open-source libraries must be used.

**System Design**

* *High level system design (UML)*
* *List of patterns, theories and best practices (e.g., three tier architecture, client-server architecture, etc.)*
* *List of tools, models and libraries (e.g., syntax checkers, editors, compilers, libraries that provide additional functionality such as Regex parsers, Cryptographic routines, etc.)*
* *Design decisions and approaches to implementing solution.*

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**Challenges & Assumptions**

* *List of business and technical challenges you have identified/expect to encounter*
* *List of assumptions (with brief justifications)*

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***Conclusion (<60 words)***

TBC

**References**