Overall, the project's implementation stage began with a foundational implementation of a client-server stack, followed by the integration of Microsoft’s SEAL library to allow HE data transmission, satisfying the first core success criterion. After this, an investigation into the optimisation of the network stack involving the implementation of a \textit{seam carving} algorithm and \textit{graph representations} of images to reduce the size of videos and \textit{parallelisation} to increase the transmission rate between client and server.

The following implementation stage required inference algorithms to be converted to the HE domain to satisfy the second core success criterion. As part of this, several modifications had to be made to the algorithms, and investigations had to be conducted into implementing more HE Boolean circuits.

Finally, a bespoke HE scheme was implemented from first principles following the CKKS scheme initially integrated. This allowed further understanding and an investigation into specialising the implementation as an opportunity for optimisation.