

School of Computing & Engineering
BSC (Hons) Computer Science

CHP2524-2223
Individual Project
Proposal

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(a) identify the problem the project is attempting to solve:

1. *Give some background – a paragraph or two*

The British Legal system is falling behind and with each day passes, the number of cases in the backlog increases. According to statistics published by British Law Society, Crown court had almost 60,000 pending cases in June (Law Society, 2022). Shortage of Judges, prosecutors, and defence lawyers seems to be the main reason for the increasing backlog however the amount of time required for everyone involved in a particular case to conduct legal research is time-consuming and requires lot of man-hours hence resulting in backlog.

2. *Write some aims – I suggest 3-6 (depending on how detailed each aim is) though this is flexible*

- Reduce the backlog in British Legal System
- Facilitate legal research
- Automate the lengthy procedural documentation process

(b) identify the project's product and the potential clients/users of the product:

• *What will you have at the end of your work?*

A consumer ready software which would allow legal professionals to conduct legal research in a much faster and efficient way. The software would be reliant on Machine Learning algorithms and having learnt past cases, it would suggest the individual on the probable outcome of the case.

• *Who would find it useful?*

Judges, Lawyers, and other legal professionals.

(d) complete a short time plan for the 30 weeks duration (or 15 at twice the hours per week if you’re doing it in term 2 only)

