

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 11

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Description

Domain of the Application

This application helps legal consultants and organizations manage Intellectual Property (IP) and related cases. This includes administration, protection, tracking IP's including IP assets like patents, trademarks, copyrights, and trade secrets and finding details about the client, IP validity, the case specifics, etc.

Aspects of the Domain Modeled by the Database

This application has many aspects of intellectual property management domain including:

1. Client and Organization Management: Capturing detailed information about the clients
2. Intellectual Property validity and Management: Managing various types of Intellectual Property and storing their details and details about their validity.
3. Consultants and consultations: Provides details about legal professionals' and their consultations.
4. Legal Cases, Documentation and court information: Track's the different legal cases, documentation about the case and the courts for relevant IP cases and dispute resolution. This makes managing and querying them easy.

Database Specifications

The database models IP portfolio's, client and consulting details, and other related legal caseworks. These include:

1. Storing client data like the organization/individual details and other required information.
2. Maintaining the Lawyer details including specializations, their license number, contact details and other details
3. Managing various types of Intellectual Properties (IP's) using attributes like registration number, legal status, filing date and other required documentation.
4. Making a record of legal cases, consultation schedules, open/close dates and other details.

5. Making the legal documentation including document type, issue/expiry dates, and other required documents.
6. IP Valuation processes that depend closely on each unique IP asset and may be tied to legal case resolution or strategic business decisions.
7. Having a record of the courts including the judiciary, location and other details.

This structure mirrors situations faced by law firms, IP agencies, and companies safeguarding innovation, exemplified by the use of specialized software in these sectors.

AI Declaration:

No, we did not use AI of any sort in this milestone of the project.

Intellectual Property & Legal Contract Management

