Requirements Document for New Web Application

15 March 2025

Application Name: Express Lane Underwriting

**Core Purpose:**

The App will allow the expert user to create / edit and amend a set of health underwriting questions to be presented to the end user.

The expert user should be able to configure a set of rules for instance:

* if the amount of cover is between x & y, then ask the following questions
* if the answer to a question is x, then present follow up questions a, b, c

**Tables:**

The list of underwriting questions and rules will be held in tables. An initial set will be provided in .csv format, which must then be converted to json.

The initial set of tables will be

**QuestionsLibrary** – the list of all possible underwriting questions that can be asked

**UnderwritingModel** – the configuration of the subset of questions to be presented to customers, depending on certain criteria (to follow later)

**Website:**

The high level design of the website is:

A screenshot of a computer

AI-generated content may be incorrect.

**Fonts:**

Primary: DIN Next Pro

Used for headings

**Secondary:**

Arial

For body text, paragraphs

**Colors**

**Primary Brand Color: Dark Blue**

**Hex**: #003087

**Usage**: Backgrounds for headers, footer, and key sections; text color for headings and links

Secondary Accent Color: Light Blue

Hex: #00A9E0

Usage: Buttons ,hover effects, and highlights.

Background Color: White

Hex: #FFFFFF.

Usage: Main content area background,

Text Color: Dark Grey

Hex: #333333

Usage: Body text and secondary content

**The Tables Tab:**

This tab will allow the user to select a table (one of the JSON’s), and view, edit and amend the table content.

A screenshot of a computer

AI-generated content may be incorrect.

The tables tab will allow the user to select a table (all tables stored in JSON format), to view, edit and amend the data in the table.

There must be a save button to commit changes back to JSON

The table must have scrollbars to enable viewing of all data

Each column of the table must have the option to sort and filter

The Search and Filter box should allow the user to enter a text string , and it will filter the table rows to those containing that string.

The filter on column and search filter should both work as an “AND” condition.

Font size in table = 9, Font = Ariel

**Architecture:**

All tables to be stored in json structure, in a /data folder that you should create

Each ‘tab’ on the website should be contained in an independent .html file, so that we can change the content without changing the content of other tabs.

**API Integration:**

We will (in future project stages) enhance the risk assessment of each customer with calls to external API’s. We will do that in a later stage

**Project Phases:**

We will build this app in phases. Do not build phase 2 & 3 without my instruction.

**Phase 1:**

Establish the website

Create the initial JSON tables

Create the ‘Tables’ tab

Create the ‘Simulator’ tab to create the final customer experience of answering a dynamic set of questions.

**Phase 2:**

We will score the results of the customer

We will integrate into 3rd party API

We will use ChatGPT to assess the risk for free-form fields

**Phase 3**

We will publish the app onto the web, so that others can use it

We will add username and password login