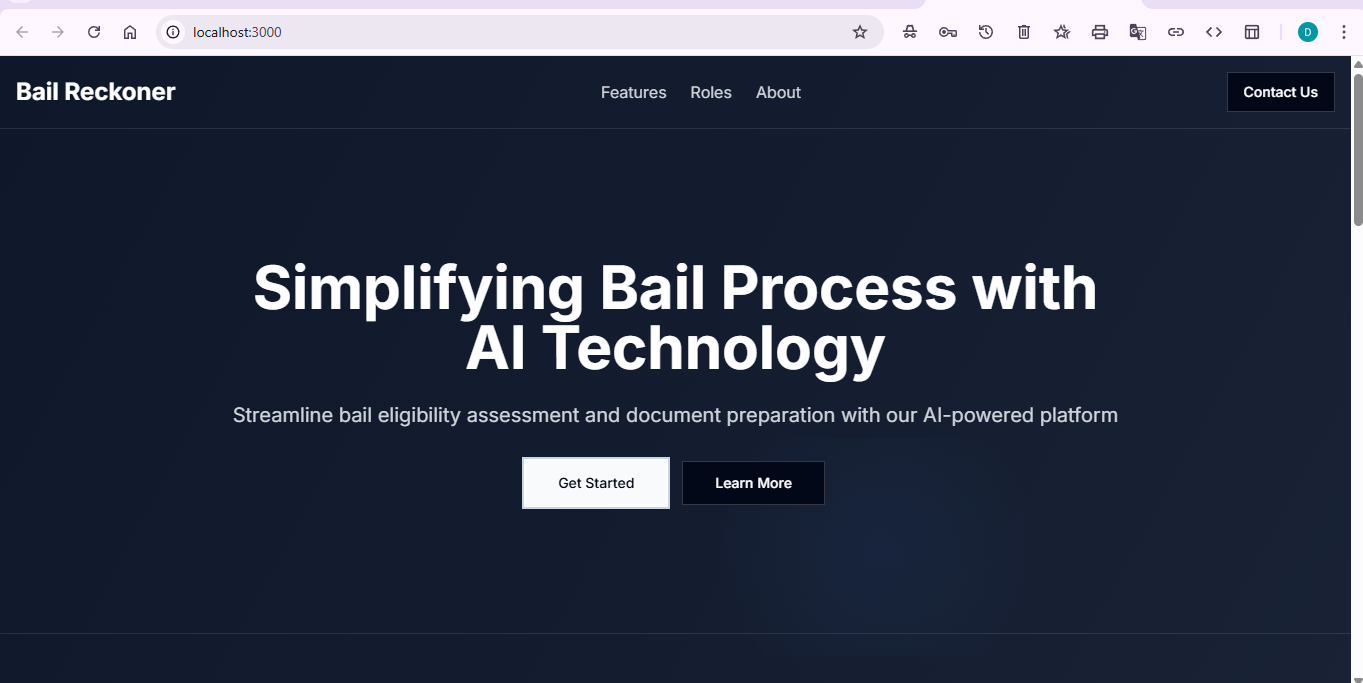
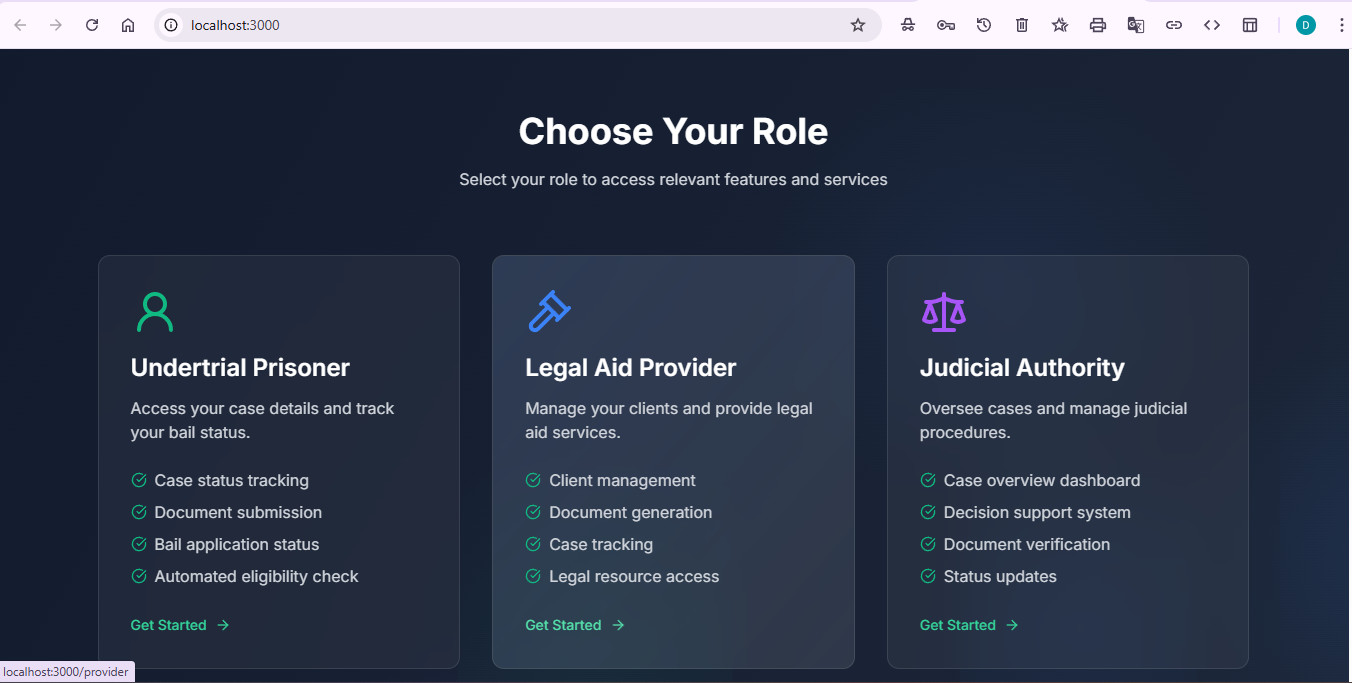
**Bail Reckoner**

**Module 3 : Frontend Development**

* **Operating System:** The system is developed and run on **Windows 11**.
* **Next.js (React + TypeScript):**
  + **Next.js** is a powerful React framework that supports server-side rendering and static site generation, making the app faster and SEO-friendly.
  + It uses **React** for building interactive user interfaces with reusable components.
  + **TypeScript** adds type safety to JavaScript, helping catch errors early and improving code quality and maintainability.
* **Tailwind CSS:**
  + A utility-first CSS framework that allows developers to design directly in the HTML using pre-defined classes.
  + It speeds up styling, promotes consistency, and makes it easy to create responsive, modern UIs without writing custom CSS.
* **VSCode (Visual Studio Code)** is a powerful source code editor used for writing and managing code efficiently. It integrates seamlessly with technologies like React, TypeScript, and Tailwind CSS, offering features like intelligent code completion, debugging, and extensions support.

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**Fig 1:** This image shows the **homepage** of the Bail Reckoner platform, highlighting its purpose: to simplify the bail process using AI technology. It offers quick access to start the process or learn more about the platform’s features.

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**Fig 2 :** This image displays the **role selection interface** of The Bail Reckonerweb app. Users can choose between three roles—**Undertrial Prisoner**, **Legal Aid Provider**, and **Judicial Authority**—each offering tailored features like case tracking, document management, and decision support.