User Clicks the Extension
- Action: The user clicks the extension icon in the browser toolbar.
- Result: The extension's popup UI (popup.html) is displayed.

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Detect T&C Popup
- Action: The content script (content.js) runs on the current webpage.
- Result:
  - Scans the DOM for T&C popups (e.g., modal dialogs with terms and conditions).
  - Extracts the text from the popup.

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Send Text to Backend for Summarization
- Action: The background script (background.js) sends the extracted text to the backend.
- Result:
  - The backend (server.js) receives the text and sends it to the LLM for summarization.
  - The LLM returns a summarized version of the T&C.

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Display Summary in Popup
- Action: The popup script (popup.js) receives the summary from the background script.
- Result:
  - The summary is displayed in the popup UI as **clickable sections** (e.g., bullet points or expandable sections).

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Display Detailed Explanation in Popup
- Action: The popup script receives the detailed explanation from the background script.
- Result:
  - The detailed explanation is displayed below the clicked section in the popup UI.

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Send Text Snippet to Backend for Detailed Explanation
- Action: The background script sends the text snippet to the backend.
- Result:
  - The backend sends the text snippet to the LLM with a prompt like:
  - "Explain this section of the terms and conditions in detail."
  - The LLM returns a detailed explanation.

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User Clicks on a Summary Section
- Action: The user clicks on a specific section (e.g., "Data Usage").
- Result:
  - The popup script sends the clicked section's text snippet to the background script.

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File Structure

```
extension/
│
├── manifest.json
├── background.js
├── content.js
│   ├── popup.html
│   ├── popup.js
│   ├── popup.css
├── assets/
│   └── icon.png
└── backend/
    ├── server.js
    └── package.json
```

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